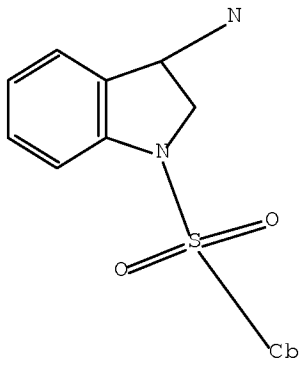
***** INVENTOR RESULTS *****

=> d his l43

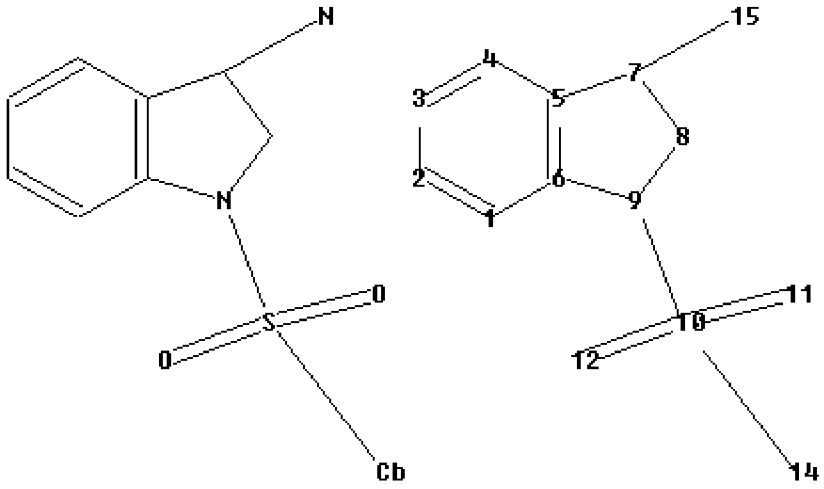
(FILE 'HCAPLUS' ENTERED AT 11:25:21 ON 17 JUL 2008)
L43 8 S L42 NOT L26

=> d que l43
L20 STR



Structure attributes must be viewed using STN Express query preparation:

Uploading L8.str



chain nodes :
10 11 12 14 15
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
7-15 9-10 10-11 10-12 10-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9

```
exact/norm bonds :
6-9  7-15  8-9  9-10  10-11  10-12
exact bonds :
5-7  7-8  10-14
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS  14:Atom  15:CLASS



L22         314 SEA FILE=REGISTRY SSS FUL L20
L26          14 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L22
L27          80 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("LUBISCH W"/AU OR "LUBISCH
                WILFRIED"/AU)
L28          67 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("HORNBERGER W"/AU OR
                "HORNBERGER W F"/AU OR "HORNBERGER WILFRIED"/AU OR "HORNBERGER
                WILFRIED B"/AU)
L29          42 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("OOST T"/AU OR "OOST
                THORSTEN"/AU OR "OOST THORSTEN K"/AU)
L30          50 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("SAUER DARYL"/AU OR "SAUER
                DARYL R"/AU OR "SAUER DARYL RICHARD"/AU)
L31         118 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("UNGER LILIANE"/AU OR "UNGER
                LILIANE DR"/AU OR "UNGER LILIANE V"/AU)
L32          82 SEA FILE=HCAPLUS ABB=ON  PLU=ON  ("WERNET W"/AU OR "WERNET
                WOLFANG"/AU OR "WERNET WOLFGANG"/AU)
L33          52 SEA FILE=HCAPLUS ABB=ON  PLU=ON  "GENESTE HERVE"/AU
L34          24 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L27 AND ((L28 OR L29 OR L30
                OR L31 OR L32 OR L33))
L35          29 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L28 AND ((L29 OR L30 OR L31
                OR L32 OR L33))
L36          13 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L29 AND ((L30 OR L31 OR L32
                OR L33))
L37           7 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L30 AND ((L31 OR L32 OR L33))

L38          27 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L31 AND ((L32 OR L33))
L39          13 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L32 AND L33
L40          51 SEA FILE=HCAPLUS ABB=ON  PLU=ON  (L34 OR L35 OR L36 OR L37 OR
                L38 OR L39)
L42          13 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L40 AND (VASOPRESSIN? OR
                OXYTOCIN?)
L43           8 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L42 NOT L26


=> d his l63

     (FILE 'MEDLINE, BIOSIS, DRUGU, EMBASE' ENTERED AT 11:37:51 ON 17 JUL 2008)
L63          12 DUP REM L62 (18 DUPLICATES REMOVED)
                SAVE TEMP L63 CHA211MULTIN/A

     FILE 'STNGUIDE' ENTERED AT 11:44:22 ON 17 JUL 2008

=> d que l63
L45          39 SEA LUBISCH WILFRIED/AU
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L46          46 SEA HORNBERGER WILFRIED/AU
L47          21 SEA OOST THORSTEN K/AU
L48           1 SEA SAUER DARYL RICHARD/AU
L49          57 SEA UNGER LILIANE/AU
L50          21 SEA WERNET WOLFGANG/AU
L51          38 SEA GENESTE HERVE/AU
L52           6 SEA L45 AND ((L46 OR L47 OR L48 OR L49 OR L50 OR L51))
L53          21 SEA L46 AND ((L47 OR L48 OR L49 OR L50 OR L51))
L54           0 SEA L47 AND ((L48 OR L49 OR L50 OR L51))
L55           0 SEA L48 AND ((L49 OR L50 OR L51))
L56          16 SEA L49 AND (L50 OR L51)
L57           9 SEA L50 AND L51
L59          39 SEA ((L52 OR L53 OR L54 OR L55 OR L56 OR L57)) AND (DRUG# OR
                PRODRUG# OR PHARMAC? OR MEDICA?)
L62          30 SEA L59 AND (ANTIDEPRESS? OR ANTAGON?)
L63          12 DUP REM L62 (18 DUPLICATES REMOVED)


=> dup rem l43 l63
FILE 'HCAPLUS' ENTERED AT 11:45:17 ON 17 JUL 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 11:45:17 ON 17 JUL 2008

FILE 'BIOSIS' ENTERED AT 11:45:17 ON 17 JUL 2008
Copyright (c) 2008 The Thomson Corporation
PROCESSING COMPLETED FOR L43
PROCESSING COMPLETED FOR L63
L64          20 DUP REM L43 L63 (0 DUPLICATES REMOVED)
                ANSWERS '1-8' FROM FILE HCAPLUS
                ANSWERS '9-17' FROM FILE MEDLINE
                ANSWERS '18-20' FROM FILE BIOSIS

=> d l64 1-8 ibib abs hitstr; d l64 9-20 ibib ab

L64  ANSWER 1 OF 20  HCAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:        2008:824753  HCAPLUS  Full-text
TITLE:                   Substituted oxindole derivatives and their use as
                         vasopressin receptor ligands
INVENTOR(S):             Netz, Astrid; Oost, Thorsten; Geneste,
                         Herve; Braje, Wilfried Martin; Wernet,
                         Wolfgang; Unger, Liliane;
                         Hornberger, Wilfried; Lubisch,
                         Wilfried
PATENT ASSIGNEE(S):      Abbott G.m.b.H. & Co. K.-G., Germany
SOURCE:                  PCT Int. Appl., 98pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  4
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
     WO 2008080973        A1    20080710    WO 2007-EP64622        20071228
         W:  AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
             CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
             FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
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KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2006-102006062505A 20061230
DE 2006-102006062506A 20061230
DE 2006-102006062507A 20061230
DE 2006-102006062508A 20061230

AB The present invention relates to novel oxindole derivs. of the general formula (I) to medicaments comprising them and to their use for the prophylaxis and/or treatment of diseases vasopressin dependent.

L64 ANSWER 2 OF 20 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:824752 HCAPLUS Full-text
TITLE: Substituted oxindole derivative and its use as a vasopressin receptor modulator
INVENTOR(S): Netz, Astrid; Oost, Thorsten; Geneste, Herve; Braje, Wilfried Martin; Wernet, Wolfgang; Unger, Liliane; Hornberger, Wilfried; Lubisch, Wilfried
PATENT ASSIGNEE(S): Abbott G.m.b.H. & Co. K.-G., Germany
SOURCE: PCT Int. Appl., 37pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008080972	A1	20080710	WO 2007-EP64621	20071228

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2006-102006062506A 20061230

AB The present invention relates to novel oxindole derivs. of the formula (I) to medicaments comprising them and to their use for the prophylaxis and/or treatment of diseases vasopressin dependent.

L64 ANSWER 3 OF 20 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:824755 HCAPLUS Full-text
TITLE: Substituted oxindole derivative and its use as a vasopressin receptor ligand

INVENTOR(S): Netz, Astrid; Oost, Thorsten; Geneste, Herve; Braje, Wilfried Martin; Wernet, Wolfgang; Unger, Liliane; Hornberger, Wilfried; Lubisch, Wilfried
PATENT ASSIGNEE(S): Abbott G.m.b.H. & Co. K.-G., Germany
SOURCE: PCT Int. Appl., 37pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008080971	A1	20080710	WO 2007-EP64620	20071228

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2006-102006062507A 20061230

AB The present invention relates to novel oxindole derivs. of the formula (I) to medicaments comprising them and to their use for the prophylaxis and/or treatment of diseases vasopressin dependent.

L64 ANSWER 4 OF 20 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:824754 HCAPLUS Full-text
TITLE: Substituted oxindole derivative and its use as a vasopressin receptor ligand
INVENTOR(S): Netz, Astrid; Oost, Thorsten; Geneste, Herve; Braje, Wilfried Martin; Wernet, Wolfgang; Unger, Liliane; Hornberger, Wilfried; Lubisch, Wilfried
PATENT ASSIGNEE(S): Abbott G.m.b.H. & Co. K.-G., Germany
SOURCE: PCT Int. Appl., 37pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008080970	A1	20080710	WO 2007-EP64619	20071228

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2006-102006062508A 20061230

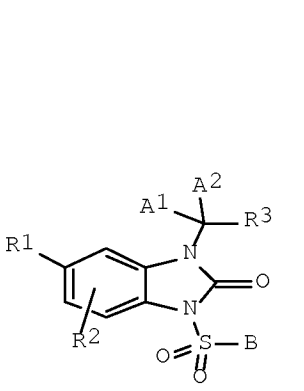
AB The present invention relates to novel oxindole derivs. of the formula (I) to medicaments comprising them and to their use for the prophylaxis and/or treatment of diseases vasopressin dependent.

L64 ANSWER 5 OF 20 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2008:287977 HCAPLUS Full-text
DOCUMENT NUMBER: 148:331683
TITLE: Substituted benzimidazolone derivatives, medicaments comprising them and their preparation and use in the treatment of vasopressin-dependent disease
INVENTOR(S): Arndt, Torsten; Oost, Thorsten; Lubisch, Wolfgang; Wernet, Wolfgang; Hornberger, Wilfried; Unger, Liliane; Ruiz Caro, Juliana
PATENT ASSIGNEE(S): Abbott Gmbh & Co. KG, Germany
SOURCE: PCT Int. Appl., 219pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008025736	A1	20080306	WO 2007-EP58840	20070824

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2006-102006040914A 20060826
OTHER SOURCE(S): MARPAT 148:331683
GI



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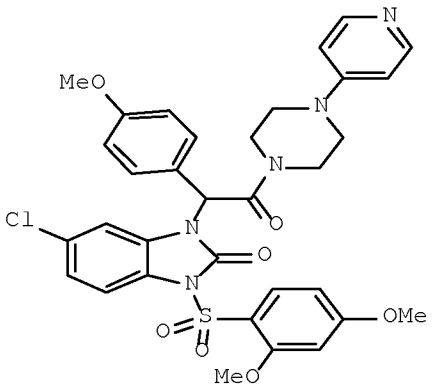


II

AB The invention relates to benzimidazolone derivs. of the general formula I, medicaments comprising these, and the use thereof for the prophylaxis and/or treatment of vasopressin-dependent diseases. Compds. of formula I wherein A1 is H, (un)substituted C1-6 alkyl, (un)substituted C2-6 alkenyl, (un)substituted C2-6 alkynyl, (un)substituted C3-6 cycloalkyl, etc.; A2 is H, (un)substituted C1-6 alkyl, (un)substituted C1-6 alkenyl, (un)substituted C1-6 alkynyl, and (un)substituted C3-6 cycloalkyl; B is (un)substituted (hetero)aromatic ring and (un)substituted partly (hetero)aromatic ring; R1 is H, Br, Cl, F, I, CN, CF3, OCF3, OCHF2, (un)substituted C1-4 alkyl(oxy), etc.; R2 is H, (un)substituted C1-4 alkyl(oxy), Cl, F, CHF2 and CF3l R3 is CO2H and derivs., SO3H and derivs., CONH2 and derivs., SO2NH2 and derivs. C(NH)NH2 and derivs., etc.; and their tautomers, enantiomers, diastereoisomers, prodrugs, and physiol. tolerated salts thereof, are claimed. Example compound II was prepared by a general procedure (procedure given). All the invention compds. were evaluated for their vasopressin V1b binding affinity (data given).

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L64 ANSWER 6 OF 20 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1011112 HCAPLUS Full-text

DOCUMENT NUMBER: 145:377199

TITLE: Preparation of 1,3-dihydro-1-(phenylsulfonyl)-2H-indol-2-ones and related compounds as vasopressin V1B receptor modulators

INVENTOR(S): Oost, Thorsten; Lubisch, Wilfried; Wernet, Wolfgang; Hornberger, Wilfried ; Unger, Liliane

PATENT ASSIGNEE(S): Abbott G.m.b.H. & Co. K.-G., Germany

SOURCE: PCT Int. Appl., 113pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006100082	A2	20060928	WO 2006-EP2685	20060323
WO 2006100082	A3	20061207		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

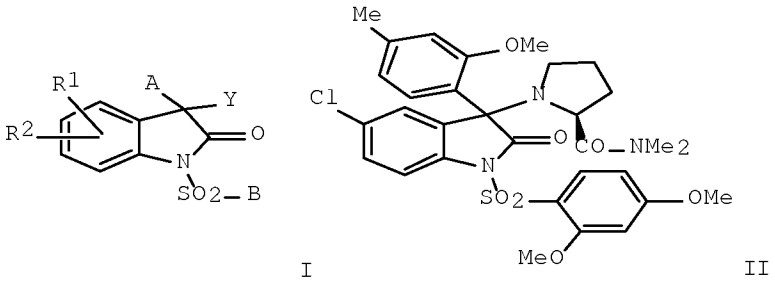
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

DE 102005014628	A1	20060928	DE 2005-102005014628	20050326
DE 102005015957	A1	20061005	DE 2005-102005015957	20050331
CA 2602194	A1	20060928	CA 2006-2602194	20060323
EP 1861392	A2	20071205	EP 2006-723672	20060323
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR				
MX 200711693	A	20080311	MX 2007-11693	20070921

PRIORITY APPLN. INFO.: US 2005-664759P P 20050324
DE 2005-102005014628A 20050326
DE 2005-102005015957A 20050331
WO 2006-EP2685 W 20060323

OTHER SOURCE(S): CASREACT 145:377199; MARPAT 145:377199

GI



I II

AB Title compds. I [A = aromatic, heteroarom., etc.; B = aromatic, heteroarom., etc.; R1 = H, halo, CN, etc.; R2 = H, alkyl, O-alkyl, etc.; Y = N(Y1)C(Y2Y3Y4); Y1 = H, alkyl, haloalkyl; Y2 = H, phenyl; Y3 = H, alkyl, haloalkyl; Y4 = H, CO-alkyl, etc.] and their pharmaceutically acceptable salts were prepared For example, phenylsulfonylindolone II was prepared from 3-hydroxy-4-iodobenzaldehyde in 6-steps. In vasopressin V1B receptor binding assays, 59-examples of compds. I exhibited Ki values <100 nM.

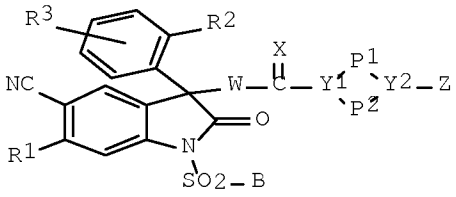
L64 ANSWER 7 OF 20 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1006700 HCAPLUS Full-text
DOCUMENT NUMBER: 145:377197
TITLE: Preparation of 1,3-dihydro-1-(phenylsulfonyl)-2H-indol-2-ones and related compounds as vasopressin V1B receptor modulators
INVENTOR(S): Lubisch, Wilfried; Oost, Thorsten; Wernet, Wolfgang; Hornberger, Wilfried; Unger, Liliane; Geneste, Herve
PATENT ASSIGNEE(S): Abbott G.m.b.H. & Co. K.-G., Germany
SOURCE: PCT Int. Appl., 61pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006100081	A2	20060928	WO 2006-EP2684	20060323
WO 2006100081	A3	20061207		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
DE 102005014904	A1	20070201	DE 2005-102005014904	20050326
CA 2602174	A1	20060928	CA 2006-2602174	20060323
EP 1866304	A2	20071219	EP 2006-707637	20060323
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR				
MX 200711695	A	20080311	MX 2007-11695	20070921

PRIORITY APPLN. INFO.:
US 2005-664899P P 20050324
DE 2005-102005014904A 20050326
WO 2006-EP2684 W 20060323

OTHER SOURCE(S): CASREACT 145:377197; MARPAT 145:377197
GI



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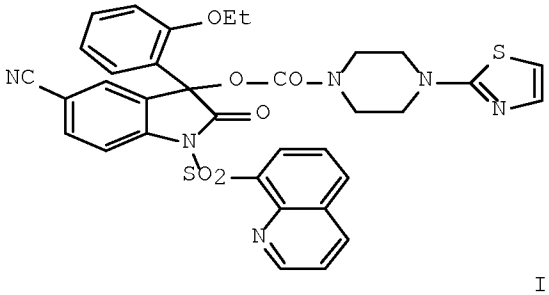


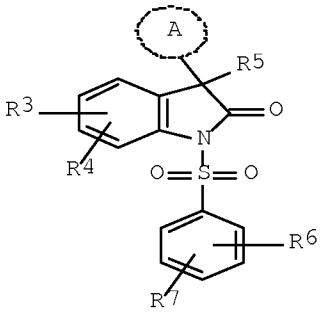
II

AB Title compds. I [P1 = (CH2)n; P2 = (CH2)m; n = 2, 3; m = 1, 2; Y1 = C, N; Y2 = C, N; X = O, NH, N-CN; W = O, CH2, NH; Z = mono- bi- or tricyclic heteroarom. with provisos; B = mono- bi- or tricylic heteroarom. with provisos; R3 = H, F, Cl, etc.; R2 = O-alkyl, alkyl, Cl; R1 = H, alkyl, O-alkyl, etc.] and their pharmaceutically acceptable salts were prepared For example, phenylsulfonylindolone II was prepared from 5-chloroisatin in 4-steps. In vasopressin V1B receptor binding assays, 11-examples of compds. I exhibited Ki values <500 nM.

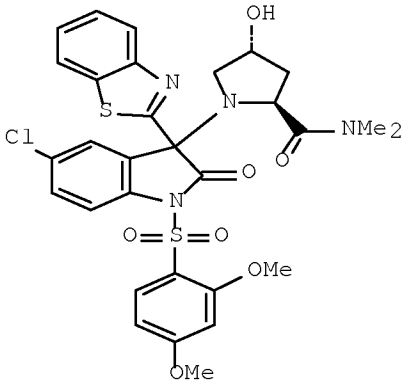
L64 ANSWER 8 OF 20 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:284200 HCAPLUS Full-text
DOCUMENT NUMBER: 142:355286
TITLE: Preparation of heteroaryl-substituted 1,3-dihydroindol-2-one derivatives and medicaments containing them
INVENTOR(S): Lubisch, Wilfried; Hornberger, Wilfried; Oost, Thorsten K.; Sauer, Daryl Richard; Unger, Liliane ; Wernet, Wolfgang
PATENT ASSIGNEE(S): Abbott GmbH & Co. Kg, Germany
SOURCE: U.S. Pat. Appl. Publ., 24 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050070718	A1	20050331	US 2003-675300	20030930
CA 2537598	A1	20050407	CA 2004-2537598	20040930
WO 2005030755	A1	20050407	WO 2004-EP10940	20040930
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1667993	A1	20060614	EP 2004-765719	20040930
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007507456	T	20070329	JP 2006-530059	20040930
MX 2006PA03558	A	20060831	MX 2006-PA3558	20060330
US 20070021607	A1	20070125	US 2006-440569	20060525
US 20070185126	A1	20070809	US 2007-574211	20070122
PRIORITY APPLN. INFO.:			US 2003-675300 A	20030930
			WO 2004-EP10940 W	20040930

OTHER SOURCE(S): CASREACT 142:355286; MARPAT 142:355286
GI



I



II

AB The present invention relates to novel 1,3-dihydroindol-2-one (oxindole) derivs. of the formula (I) [A = each (un)substituted aromatic heteromonocyclic or aromatic or partially aromatic heterobicyclic ring, where the heterocycles are 5- or 6-membered rings and comprise up to 4 heteroatoms selected from the group consisting of N, O and S, and up to 2 oxo groups; R3, R4, R6, R7 = H, Cl, Br, iodo, F, cyano, CF3, OCF3, NO2, OH, C1-4 alkoxy, PhO, phenyl-C1-4 alkenyloxy, Ph, C1-6 alkyl, C2-6 alkenyl, C2-6 alkynyl, NH2, mono- or di(C1-4 alkyl)amino;or R3 and R4 are connected to give -CH:CH-CH:CH-, -(CH2)4- or -(CH2)3-; R5 = a radical (W)-(X)-(Y)-Z; where W = C1-4 alkylene, C2-4 alkenylene, C2-4 alkynylene, O, O-(C1-4 alkylene), S, S-(C1-4 alkylene), N-(un)substituted NH or NH-(C1-4 alkylene), a bond; X = CO, CO-O, SO2, each (un)substituted NH, NH-CO, NH-SO2, or CO-NH, a bond; Y = C1-6 alkylene, C2-6 alkenylene, C2-6 alkynylene, a bond; Z = H, E, each (un)substituted OH, NH2, or SH; where E = (un)substituted, unsatd., saturated or partially unsatd. mono, bi- or tricyclic ring having a maximum of 14 carbon atoms and 0 to 5 nitrogen atoms, 0 to 2 oxygen atoms and/or 0 to 2 sulfur atoms;] and their tautomeric forms, enantiomeric and diastereomeric forms, and prodrugs thereof. These compds. can be used for the control and/or prophylaxis of various vasopressin-dependent or oxytocin-dependent diseases, for example for the treatment of (1) depressions and/or bipolar disorders such as dysthymic disorders, subsyndromal depression, seasonal affected disorders, premenstrual dysphoric disorders and/or psychotic disorders, (2) anxiety and/or stress-related disorders such as, for example, general anxiety disorders, panic disorders, obsessive-compulsive disorders, posttraumatic disorders, acute stress disorders and/or social phobia, (3) memory disorders and/or Alzheimer's disease, (4) psychoses and/or psychotic disorders, or (5) Cushing's syndrome. Thus, (2S,4R)-4-hydroxypyrrolidine-2-carboxylic acid dimethylamide hydrochloride (0.78 g, 4.0 mmol) was added to a solution of 3-(benzothiazol-2-yl)-3,5- dichloro-1,3-dihydroindol-2-one, in a mixture of dichloromethane 9, THF 2 and diisopropylethylamine 2 mL and the reaction mixture was stirred at room temperature for 48 h to give, after workup and silica gel chromatog., two diastereomers of (2S,4R)-1-[3-(Benzothiazol-2-yl)-5-chloro-2-oxo-2,3- dihydro-1H-indol-3-yl]-4-hydroxypyrrolidine-2-carboxylic acid dimethylamide. NaH (12 mg 60% dispersion in mineral oil) was added to an ice-cold solution of the less polar diastereomer product from the above (115 mg, 0.25 mmol) in DMF (1.5 mL). The reaction mixture was stirred at 0° for 1 h and then treated with 2,4-dimethyloxyphenylsufonyl chloride (71 mg, 0.3 mmol), and stirred at room temperature for 1 h to give, after workup and silica gel chromatog., 93 mg (+)-(2S,4R)-1-[3- (benzothiazol-2-yl)-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2-oxo-2,3- dihydro-1H-indol-3-yl]-4-

hydroxypyrrolidine-2-carboxylic acid dimethylamide (II) as a white solid. II in vitro binding affinity to vasopressin VIb receptor with <50 nM.

L64 ANSWER 9 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2008052109 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 18068982
TITLE: Design and synthesis of novel potent and selective integrin alphanubeta3 antagonists--novel synthetic routes to isoquinolinone, benzoxazinone, and quinazolinone acetates.
AUTHOR: Seitz Werner; Geneste Herve; Backfisch Gisela; Delzer Jurgen; Graef Claudia; Hornberger Wilfried ; Kling Andreas; Subkowski Thomas; Zimmermann Norbert
CORPORATE SOURCE: BASF AG, Main Research Laboratory, D-67056 Ludwigshafen, Germany.
SOURCE: Bioorganic & medicinal chemistry letters, (2008 Jan 15) Vol. 18, No. 2, pp. 527-31. Electronic Publication: 2007-11-28.
Journal code: 9107377. E-ISSN: 1464-3405.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200805
ENTRY DATE: Entered STN: 23 Jan 2008
Last Updated on STN: 28 May 2008
Entered Medline: 27 May 2008
AB An unexpected ring contraction of benzazepinone based alpha(nu)beta(3) antagonists led to the design of quinolinone-type derivatives. Novel and efficient synthetic routes to isoquinolinone, benzoxazinone, and quinazolinone acetates were established. Nanomolar alpha(nu)beta(3) antagonists based on these new scaffolds were prepared. Moreover, benzoxazinones 15a and 15b exhibited high microsomal stability and good permeability.

L64 ANSWER 10 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2006113054 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 16439127
TITLE: Synthesis and SAR of highly potent and selective dopamine D3-receptor antagonists: variations on the 1H-pyrimidin-2-one theme.
AUTHOR: Geneste Herve; Amberg Wilhelm; Backfisch Gisela; Beyerbach Armin; Braje Wilfried M; Delzer Jurgen; Haupt Andreas; Hutchins Charles W; King Linda L; Sauer Daryl R; Unger Liliane; Wernet Wolfgang
CORPORATE SOURCE: Abbott GmbH & Co. KG, Discovery Research, D-67008 Ludwigshafen, Germany.. herve.geneste@abbott.com
SOURCE: Bioorganic & medicinal chemistry letters, (2006 Apr 1) Vol. 16, No. 7, pp. 1934-7. Electronic Publication: 2006-01-24.
Journal code: 9107377. ISSN: 0960-894X.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200607
ENTRY DATE: Entered STN: 28 Feb 2006
Last Updated on STN: 20 Jul 2006
Entered Medline: 19 Jul 2006

AB In our efforts to further pursue one of the most selective dopamine D(3)-receptor antagonists reported to date, we now describe the synthesis and SAR of novel and highly selective dopamine D(3) antagonists based on a 1H-pyridin-2-one or on a urea scaffold. The most potent compounds exhibited K(i) values toward the D(3) receptor in the nano- to subnanomolar range and high selectivity versus the related D(2) dopamine receptor. Thus, 1H-pyridin-2-one 7b displays oral bioavailability (F=37%) as well as brain penetration (brain plasma ratio 3.7) in rat. Within the urea series, an excellent D(3) versus D(2) selectivity (>100-fold) could be achieved by removal of one NH group (compound 6), although bioavailability (rat) was suboptimal (F<10%). These data significantly enhance our understanding of the D(3) pharmacophore and are expected to lead to novel approaches for the treatment of schizophrenia.

L64 ANSWER 11 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2005687876 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 16271293
TITLE: Synthesis and SAR of highly potent and selective dopamine D(3)-receptor antagonists: Quinolin(di)one and benzazepin(di)one derivatives. herve.geneste@abbott.com.
AUTHOR: Geneste Herve; Backfisch Gisela; Braje Wilfried; Delzer Jurgen; Haupt Andreas; Hutchins Charles W; King Linda L; Lubisch Wilfried; Steiner Gerd; Teschendorf Hans-Jurgen; Unger Liliane; Wernet Wolfgang
CORPORATE SOURCE: Abbott GmbH & Co. KG, Discovery Research, D-67008 Ludwigshafen, Germany.
SOURCE: Bioorganic & medicinal chemistry letters, (2006 Feb) Vol. 16, No. 3, pp. 658-62. Electronic Publication: 2005-11-02. Journal code: 9107377. ISSN: 0960-894X.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200603
ENTRY DATE: Entered STN: 28 Dec 2005
Last Updated on STN: 29 Mar 2006
Entered Medline: 28 Mar 2006

AB The synthesis and SAR of novel and selective dopamine D(3)-receptor antagonists based on a 3,4-dihydro-1H-quinolin-2-one, a 1,3,4,5-tetrahydro-benzo[b]azepin-2-one, 1H-quinoline-2,4-dione or a 3,4-dihydro-1H-benzo[b]azepine-2,5-dione scaffold are discussed. A706149 (2.15mg/kg, po) antagonizes PD 128907-induced huddling deficits in rat, a social interaction paradigm.

L64 ANSWER 12 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2005687902 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 16290141
TITLE: Synthesis and SAR of highly potent and selective dopamine D(3)-receptor antagonists: 1H-pyrimidin-2-one derivatives.
AUTHOR: Geneste Herve; Backfisch Gisela; Braje Wilfried; Delzer Jurgen; Haupt Andreas; Hutchins Charles W; King Linda L; Kling Andreas; Teschendorf Hans-Jurgen; Unger Liliane; Wernet Wolfgang
CORPORATE SOURCE: Abbott GmbH & Co. KG, Discovery Research, D-67008 Ludwigshafen, Germany.. herve.geneste@abbott.com
SOURCE: Bioorganic & medicinal chemistry letters, (2006 Feb) Vol. 16, No. 3, pp. 490-4. Electronic Publication: 2005-11-11.

Journal code: 9107377. ISSN: 0960-894X.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200603
ENTRY DATE: Entered STN: 28 Dec 2005
Last Updated on STN: 29 Mar 2006
Entered Medline: 28 Mar 2006

AB The synthesis and SAR of novel highly potent and selective dopamine D(3)-receptor antagonists based on a 1H-pyrimidin-2-one scaffold are described. A-690344 antagonized PD 128907-induced huddling deficits in rat (ED(50) 6.1mg/kg po), a social interaction paradigm.

L64 ANSWER 13 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2005582219 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 16219465
TITLE: Synthesis and SAR of highly potent dual 5-HT1A and 5-HT1B antagonists as potential antidepressant drugs.
AUTHOR: Kling Andreas; Lange Udo E W; Mack Helmut; Bakker Margot H M; Drescher Karla U; Hornberger Wilfried; Hutchins Charles W; Moller Achim; Muller Reinhold; Schmidt Martin; Unger Liliane; Wicke Karsten; Schellhaas Kurt; Steiner Gerd
CORPORATE SOURCE: Neuroscience Discovery, Abbott GmbH & Co. KG, D-67008 Ludwigshafen, Germany.. andreas.kling@abbott.com
SOURCE: Bioorganic & medicinal chemistry letters, (2005 Dec 15) Vol. 15, No. 24, pp. 5567-73. Electronic Publication: 2005-10-10.
Journal code: 9107377. ISSN: 0960-894X.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200606
ENTRY DATE: Entered STN: 3 Nov 2005
Last Updated on STN: 28 Jun 2006
Entered Medline: 27 Jun 2006

AB Novel 5-HT(1) autoreceptor ligands based on the N-4-aryl-piperazinyl-N'-ethyl-5,6,7,8-tetrahydropyrido[4', 3':4,5]thieno[2,3-d]pyrimidin-4(3H)-one core are described. Aiming at antidepressants with a novel mode of action our objective was to identify potent antagonists showing balanced affinities and high selectivity for the 5-HT(1A) and 5-HT(1B) receptors. Strategies for the development of dual 5-HT(1A) and 5-HT(1B) antagonists based on 1 and 2 as leads and the corresponding results are discussed. Isoquinoline analogue 33 displayed high affinity and an antagonistic mode of action for the 5-HT(1A) and the 5-HT(1B) receptors and was characterized further with respect to selectivity, electrically stimulated [(3)H]5-HT release and in vivo efficacy.

L64 ANSWER 14 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2003115131 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12628659
TITLE: Design and synthesis of 1,5- and 2,5-substituted tetrahydrobenzazepinones as novel potent and selective integrin alphaVbeta3 antagonists.
AUTHOR: Kling Andreas; Backfisch Gisela; Delzer Jurgen; Geneste Herve; Graef Claudia; Hornberger

Wilfried; Lange Udo E W; Lauterbach Arnulf; Seitz Werner; Subkowski Thomas
CORPORATE SOURCE: Neuroscience, Medicinal Chemistry, Abbott GmbH and Co KG, Discovery Research, D-67008, PO Box 210805, Ludwigshafen, Germany.
SOURCE: Bioorganic & medicinal chemistry, (2003 Apr 3) Vol. 11, No. 7, pp. 1319-41.
Journal code: 9413298. ISSN: 0968-0896.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: (IN VITRO)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200311
ENTRY DATE: Entered STN: 12 Mar 2003
Last Updated on STN: 11 Nov 2003
Entered Medline: 10 Nov 2003

AB The design and synthesis of novel integrin alpha(V)beta(3) antagonists based on a 1,5- or 2,5-substituted tetrahydrobenzaezpinone core is described. In vitro activity of respective compounds was determined via alpha(V)beta(3) binding assay, and selected derivatives were submitted to further characterization in functional cellular assays. SAR was obtained by modification of the benzazepinone core, variation of the spacer linking guanidine moiety and core, and modification of the guanidine mimetic. These efforts led to the identification of novel alpha(V)beta(3) inhibitors displaying potency in the subnanomolar range, selectivity versus alpha(IIb)beta(3) and functional efficacy in relevant cellular assays. A method for the preparation of enantiomerically pure derivatives was developed, and respective enantiomers evaluated in vitro. Compounds 31 and 37 were assessed for metabolic stability, resorption in the Caco-2 assay and pharmacokinetics.

L64 ANSWER 15 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2002720401 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 12482416
TITLE: Highly potent and selective alphaVbeta3-receptor antagonists: solid-phase synthesis and SAR of 1-substituted 4-amino-1H-pyrimidin-2-ones.
AUTHOR: Zechel Christian; Backfisch Gisela; Delzer Jurgen; Geneste Herve; Graef Claudia; Hornberger Wilfried; Kling Andreas; Lange Udo E W; Lauterbach Arnulf; Seitz Werner; Subkowski Thomas
CORPORATE SOURCE: BASF AG, D-67056 Ludwigshafen, Germany.. zechel_christian@lilly.com
SOURCE: Bioorganic & medicinal chemistry letters, (2003 Jan 20) Vol. 13, No. 2, pp. 165-9.
Journal code: 9107377. ISSN: 0960-894X.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200307
ENTRY DATE: Entered STN: 18 Dec 2002
Last Updated on STN: 18 Jul 2003
Entered Medline: 17 Jul 2003

AB Solid-phase synthesis and SAR of alpha(V)beta(3)-receptor antagonists based on a N(1)-substituted 4-amino-1H-pyrimidin-2-one scaffold are described. The most potent compounds exhibited IC(50) values towards alpha(V)beta(3) in the nano- to subnanomolar range and high selectivity versus related integrins like

alpha(IIb)beta(3). For selected examples efficacy in functional cellular assays was demonstrated.

L64 ANSWER 16 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2002252856 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11992781
TITLE: Synthesis of highly potent and selective hetaryl ureas as integrin alpha(V)beta3-receptor antagonists.
AUTHOR: Lange Udo E W; Backfisch Gisela; Delzer Jurgen; Geneste Herve; Graef Claudia; Hornberger Wilfried; Kling Andreas; Lauterbach Arnulf; Subkowski Thomas; Zechel Christian
CORPORATE SOURCE: BASF AG, D-67056, Ludwigshafen, Germany.. udo.lange@basf-ag.de
SOURCE: Bioorganic & medicinal chemistry letters, (2002 May 20) Vol. 12, No. 10, pp. 1379-82. Journal code: 9107377. ISSN: 0960-894X.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200209
ENTRY DATE: Entered STN: 7 May 2002
Last Updated on STN: 18 Sep 2002
Entered Medline: 17 Sep 2002

AB Solid-phase synthesis and SAR of integrin alpha(V)beta3-receptor antagonists containing a urea moiety as non-basic guanidine mimetic are described. The most potent compounds exhibited IC(50) values towards alpha(V)beta3 in the nanomolar range and high selectivity versus related integrins like alpha(IIb)beta3. For selected examples efficacy in functional cellular assays is demonstrated.

L64 ANSWER 17 OF 20 MEDLINE on STN
ACCESSION NUMBER: 2002147342 MEDLINE Full-text
DOCUMENT NUMBER: PubMed ID: 11814816
TITLE: Synthesis and SAR of N-substituted dibenzazepinone derivatives as novel potent and selective alpha(V)beta(3) antagonists.
AUTHOR: Kling Andreas; Backfisch Gisela; Delzer Jurgen; Geneste Herve; Graef Claudia; Holzenkamp Uta; Hornberger Wilfried; Lange Udo E W; Lauterbach Arnulf; Mack Helmut; Seitz Werner; Subkowski Thomas
CORPORATE SOURCE: Knoll GmbH, D-67008 Ludwigshafen, Germany.. andreas.kling@abbott.de
SOURCE: Bioorganic & medicinal chemistry letters, (2002 Feb 11) Vol. 12, No. 3, pp. 441-6. Journal code: 9107377. ISSN: 0960-894X.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200206
ENTRY DATE: Entered STN: 8 Mar 2002
Last Updated on STN: 19 Jun 2002
Entered Medline: 18 Jun 2002

AB Synthesis and SARs of new integrin alpha(V)beta(3) antagonists based on an N-substituted dibenzazepinone scaffold are described. Variation of spacer and guanidine mimetic led to potent compounds exhibiting an IC(50) towards

alpha(V)beta(3) in the nanomolar range, high selectivity versus integrin alpha(IIb)beta(3) and efficacy in functional cellular assays.

L64 ANSWER 18 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 2008:392094 BIOSIS Full-text
DOCUMENT NUMBER: PREV200800392093
TITLE: N-[(piperazinyl)hetaryl]arylsulfonamide compounds.
AUTHOR(S): Anonymous; Braje, Wilfried M. [Inventor]; Haupt, Andreas [Inventor]; Lubisch, Wilfried [Inventor]; Grandel, Roland [Inventor]; Drescher, Karla [Inventor]; Geneste, Herve [Inventor]; Unger, Liliane [Inventor]; Sauer, Daryl R. [Inventor]; Turner, Sean C. [Inventor]
CORPORATE SOURCE: Rintein, Germany
ASSIGNEE: Abbott GmbH and Co KG
PATENT INFORMATION: US 07320979 20080122
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (JAN 23 2008)
CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 16 Jul 2008
Last Updated on STN: 16 Jul 2008

AB The invention relates to N-[(piperazinyl)hetaryl]arylsulfonamide compounds of the general formula I in which Q is a bivalent, 6-membered heteroaromatic radical which possesses 1 or 2 N atoms as ring members and which optionally carries one or two substituents R(a)which is/are selected, independently of each other, from halogen, CN, NO2, CO2R4, COR5, C-1-C-4-alkyl and C-1-C-4-haloalkyl; Ar is phenyl or a 6-membered heteroaromatic radical which possesses 1 or 2 N atoms as ring members and which optionally carries one or two substituents R-b, which is/are selected from halogen, NO2, CN, CO2R4, COR5, C-1-C-6-alkyl, C-2-C-6-alkenyl, C-2-C-6-alkynyl, C-3-C-6-cycloalkyl, C-3-C-6-cycloalkyl-C- 1-C-4-alkyl and C-1-C-4-haloalkyl, with it also being possible for two radicals R(b)which are bonded to adjacent C atoms of Ar to be together C-3-C-4-alkylene; R(1)is hydrogen, C-1-C-4-alkyl, C-1-C-4-haloalkyl, C-3-C-6-cycloalkyl, C-3-C-6-cycloalkyl-C-1-C-4-alkyl, C-1-C-4- hydroxyalkyl, C-1-C-4-alkoxy-C-1-C-4-alkyl, C-3-C-4-alkenyl or C-3-C-4-alkynyl; with the radicals n, R-1, R-2, R-3, R(4)and R(5)having the meanings given in the patent claims, to the N-oxides and to the physiologically tolerated acid addition salts of these compounds and to pharmaceutical compositions which comprise at least one N-[(piperazinyl)hetaryl]arylsulfonamide compound as claimed in one of claims 1 to 10 and/or at least one physiologically tolerated acid addition salt of I and/or an N-oxide of I, where appropriate together with physiologically acceptable carriers and/or auxiliary substances for treating diseases which respond to influencing by dopamine D(3)receptor antagonists or agonists, in particular for treating diseases of the central nervous system and disturbances of kidney function.

L64 ANSWER 19 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 2007:22736 BIOSIS Full-text
DOCUMENT NUMBER: PREV200700033385
TITLE: Integrin receptors antagonists.
AUTHOR(S): Anonymous; Kling, Andreas [Inventor]; Geneste, Herve [Inventor]; Lange, Udo [Inventor]; Lauterbach, Arnulf [Inventor]; Graef, Claudia Isabella [Inventor]; Subkowski, Thomas [Inventor]; Holzenkamp, Uta [Inventor];

Mack, Helmut [Inventor]; Sadowski, Jens [Inventor]; Hornberger, Wilfried [Inventor]; Laux, Volker [Inventor]
CORPORATE SOURCE: Mannheim, Germany
ASSIGNEE: Abbott GmbH and Co KG
PATENT INFORMATION: US 07105508 20060912
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (SEP 12 2006)
CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 27 Dec 2006
Last Updated on STN: 27 Dec 2006
AB The invention relates to novel compounds which bind to integrin receptors, and to the preparation thereof and the use thereof as drugs.

L64 ANSWER 20 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
ACCESSION NUMBER: 1996:321917 BIOSIS Full-text
DOCUMENT NUMBER: PREV199699044273
TITLE: Discovery and optimization of a novel class of orally active nonpeptidic endothelin-A receptor antagonists.
AUTHOR(S): Riechers, Hartmut [Reprint author]; Albrecht, Hans-Peter; Amberg, Willi; Baumann, Ernst; Bernard, Harald; Bohm, Hans-Joachim; Klinge, Dagmar; Kling, Andreas; Mueller, Stefan; Raschack, Manfred; Unger, Liliane; Walker, Nigel; Wernet, Wolfgang
CORPORATE SOURCE: Hauptlaboratorium, BASF AG, 67056 Ludwigshafen, Germany
SOURCE: Journal of Medicinal Chemistry, (1996) Vol. 39, No. 11, pp. 2123-2128.
CODEN: JMCMAR. ISSN: 0022-2623.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 11 Jul 1996
Last Updated on STN: 11 Jul 1996
AB A novel class of endothelin-A receptor ligands was discovered by high-throughput screening. Lead structure optimization led to highly potent antagonists which can be synthesized in a short sequence. The compounds are endothelin-A-selective, are orally available, and show a long duration of action.

***** QUERY RESULTS *****

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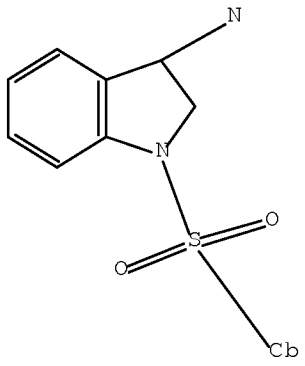
(FILE 'HCAPLUS' ENTERED AT 11:25:21 ON 17 JUL 2008)
L26 14 S L22

=> d que l26
L20 STR



Structure attributes must be viewed using STN Express query preparation:

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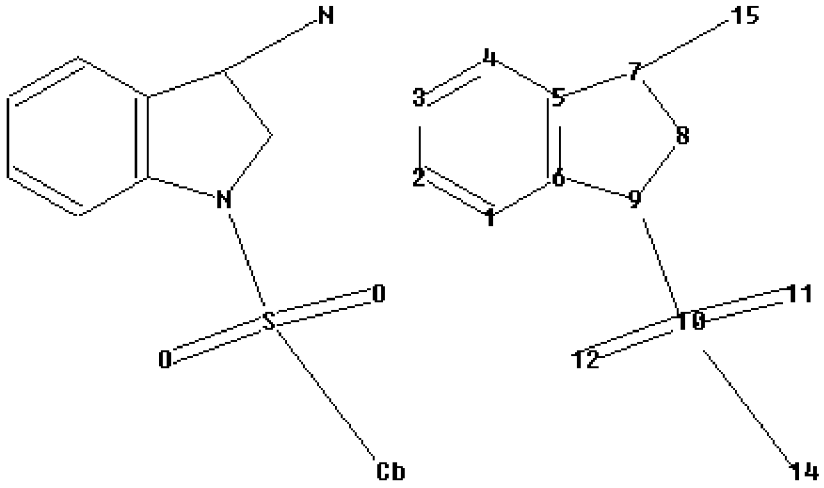

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ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
7-15 9-10 10-11 10-12 10-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
6-9 7-15 8-9 9-10 10-11 10-12
exact bonds :
5-7 7-8 10-14

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normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS  14:Atom  15:CLASS



L22         314 SEA FILE=REGISTRY SSS FUL L20
L26          14 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L22


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L26  ANSWER 1 OF 14  HCAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:        2008:285994  HCAPLUS  Full-text
DOCUMENT NUMBER:         148:308179
TITLE:                   Substituted oxindole derivatives and their use as
                         vasopressin and/or oxytocin receptor ligands and their
                         preparation
INVENTOR(S):             Geneste, Herve; Oost, Thorsten; Netz, Astrid;
                         Hutchins, Charles W.; Wernet, Wolfgang; Lubisch,
                         Wolfgang; Unger, Liliane; Hornberger, Wilfried
PATENT ASSIGNEE(S):      Abbott Gmbh & Co. KG, Germany
SOURCE:                  PCT Int. Appl., 124pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                German
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

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             KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
             MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,
             PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,
             TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
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             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
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             BY, KG, KZ, MD, RU, TJ, TM
     DE 102006040915       A1    20080320    DE 2006-102006040915    20060826
PRIORITY APPLN. INFO.:                       DE 2006-102006040915A   20060826
                                             US 2007-958591P      P  20070706
OTHER SOURCE(S):         MARPAT 148:308179
ED   Entered STN:  07 Mar 2008
GI
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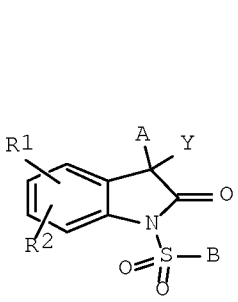

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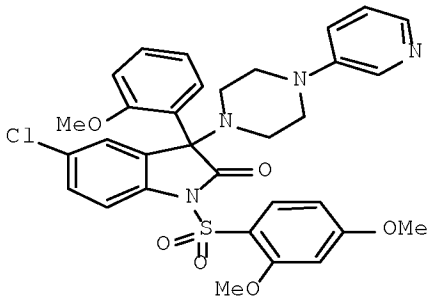


II

AB The invention relates to oxindole derivs. of general formula I, to medicaments containing said derivs. and to their use for the prophylaxis and/or treatment of vasopressin-dependent and/or oxytocin-dependent diseases. Compds. of formula I wherein A is (un)substituted C6-10 aryl; B is (un)substituted aromatic/partially aromatic C6-10 (mono/bi)cyclic ring; R1 and R2 are independently H, Br, F, Cl, I, C1-4 alkylene-CN, CN, etc.; Y is (un)substituted alkylaminoalkylamino; and their tautomers, enantiomers, diastereoisomers, prodrugs, and physiol. acceptable salts thereof, are claimed. Example compound II was prepared by chlorination of 5-chloro-3-hydroxy-3-(2-methoxyphenyl)-1,3-dihydroindol-2-one the resulting 3,5-dichloro-3-(2-methoxyphenyl)-1,3-dihydroindol-2-one, underwent amination with 1-(pyridin-3-yl)piperazine hydrochloride to give 5-chloro-3-(2-methoxyphenyl)-3-(4-(pyridin-3-yl)piperazin-1- yl)dihydroindol-2-one, which underwent sulfonylation with 2,4-dimethoxybenzenesulfonyl chloride to give compound II. All the invention compds. were evaluated for their vasopressin and oxytocin binding affinity (some data given).

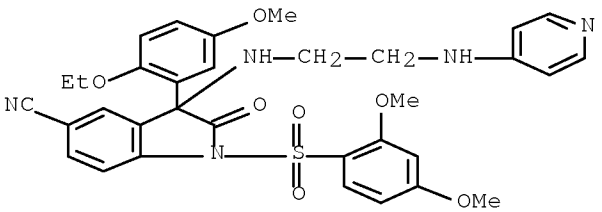
IT 1010133-93-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of substituted oxindole derivs. and their use as vasopressin and/or oxytocin receptor ligands and their preparation)

RN 1010133-93-3 HCAPLUS

CN 1H-Indole-5-carbonitrile, 1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxy-5-methoxyphenyl)-2,3-dihydro-2-oxo-3-[[2-(4-pyridinylamino)ethyl]amino]- (CA INDEX NAME)



CC 27-11 (Heterocyclic Compounds (One Hetero Atom))

Section cross-reference(s): 1, 2, 63

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1010131-43-7P 1010131-45-9P 1010131-47-1P 1010131-49-3P
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1010133-93-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of substituted oxindole derivs. and their use as vasopressin and/or oxytocin receptor ligands and their preparation)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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THE ESTIMATED COST FOR THIS REQUEST IS 75.53 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L26 ANSWER 2 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:619930 HCAPLUS Full-text
DOCUMENT NUMBER: 147:52806
TITLE: Preparation of 1,3-dihydro-1-(phenylsulfonyl)-2H-indol-2-ones for the treatment of vasopressin dependent diseases
INVENTOR(S): Oost, Thorsten; Lubisch, Wilfried; Wernet, Wolfgang; Hornberger, Wilfried; Unger, Liliane; Geneste, Herve; Netz, Astrid
PATENT ASSIGNEE(S): Abbott G.m.b.H. & Co. K.-G., Germany
SOURCE: PCT Int. Appl., 135pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007063123	A1	20070607	WO 2006-EP69180	20061201

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

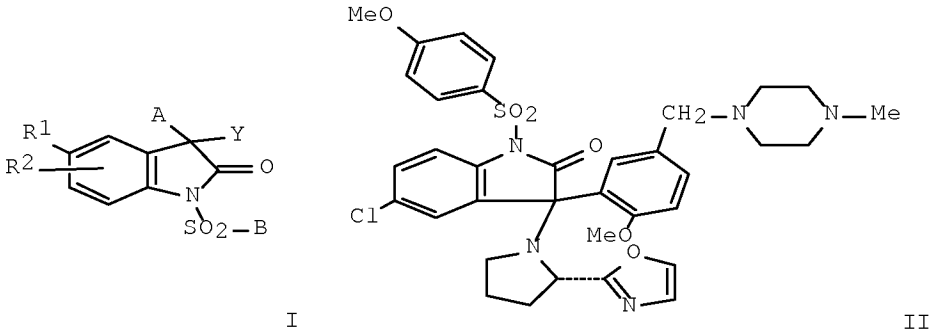
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: DE 2005-102005059484A 20051202
US 2005-742065P P 20051202

OTHER SOURCE(S): MARPAT 147:52806

ED Entered STN: 08 Jun 2007

GI



I II

AB Title compds. I [A = substituted aromatic, heteroarom., etc.; B = substituted aromatic, heteroarom., etc.; R1 = H, halo, CN, etc.; R2 = H, alkyl, O-alkyl, etc.;] and their pharmaceutically acceptable salts were prepared For example, claimed oxoindole II was prepared from 3-bromo-4- methoxybenzaldehyde in 5 steps. In vasopressin receptor V1b affinity assays, 235 examples of compds. I exhibited ki values ranging from <10-1000 nM.

IT 940276-41-5P 940276-43-7P 940276-45-9P
940276-47-1P 940276-81-3P 940276-83-5P
940276-91-5P 940276-95-9P 940276-99-3P
940277-13-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylsulfonylindol-2-ones for the treatment of vasopressin dependent diseases)

RN 940276-41-5 HCAPLUS

CN 2H-Indol-2-one, 5-chloro-3-[5-[(dimethylamino)methyl]-2-methoxyphenyl]-1,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-3-[(2-oxazolylmethyl)amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

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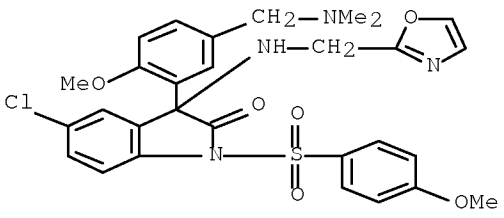

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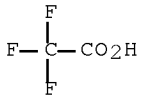

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CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-3-[2-methoxy-5-(1-pyrrolidinylmethyl)phenyl]-3-[(2-oxazolylmethyl)amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

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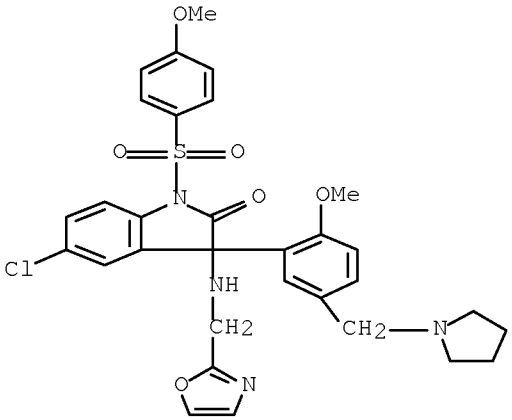

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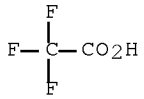

RN 940276-45-9 HCAPLUS
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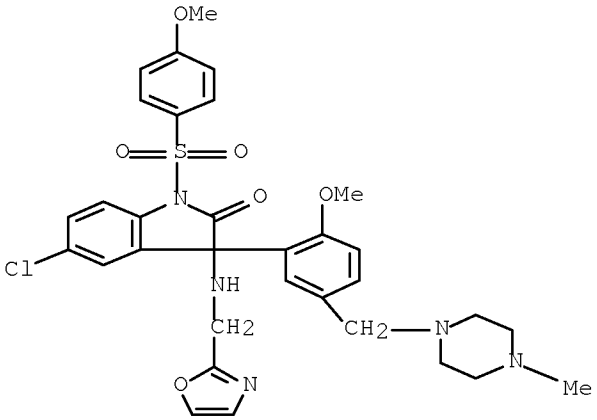

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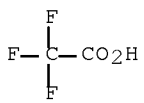

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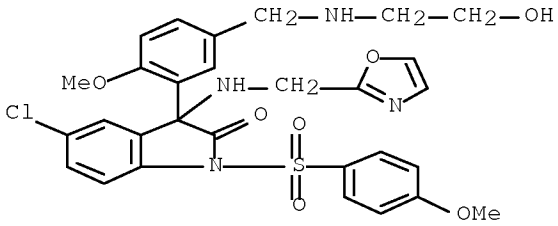

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CRN 76-05-1
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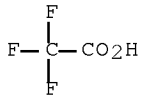

RN 940276-81-3 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3-[2-methoxy-5-[(4-methyl-1-piperazinyl)methyl]phenyl]-1-[(4-methoxyphenyl)sulfonyl]-3-[[(1S)-1-(2-oxazolyl)ethyl]amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

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CRN 940276-80-2
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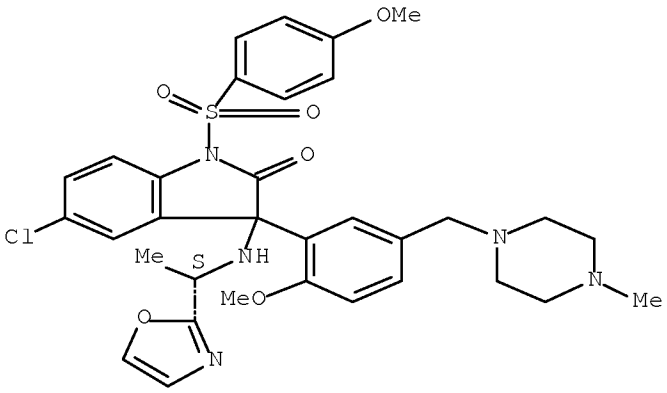
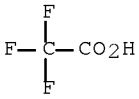
Absolute stereochemistry.



CM 2

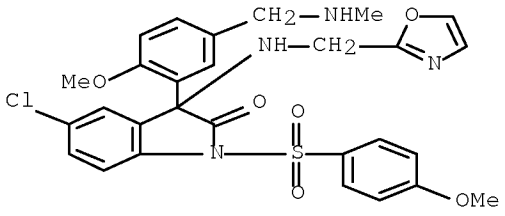
CRN 76-05-1
CMF C2 H F3 O2



RN 940276-83-5 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3-[2-methoxy-5-[(methylamino)methyl]phenyl]-1-[(4-methoxyphenyl)sulfonyl]-3-[(2-oxazolylmethyl)amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

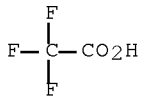
CRN 940276-82-4
CMF C28 H27 Cl N4 O6 S



CM 2

CRN 76-05-1

CMF C2 H F3 O2

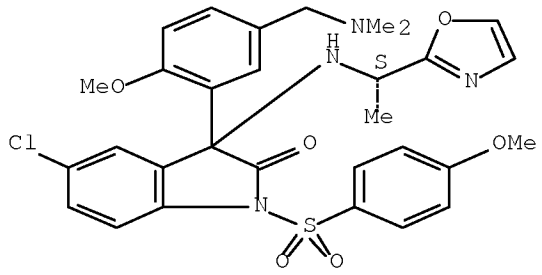


RN 940276-91-5 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-[5-[(dimethylamino)methyl]-2-methoxyphenyl]-1,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-3-[[(1S)-1-(2-oxazolyl)ethyl]amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

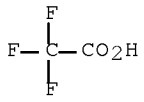
CRN 940276-90-4
CMF C30 H31 Cl N4 O6 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2



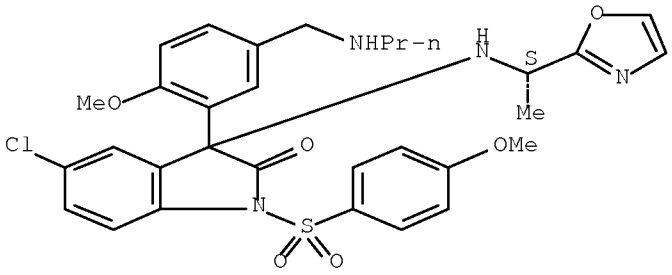
RN 940276-95-9 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-3-[2-methoxy-5-[(propylamino)methyl]phenyl]-3-[[(1S)-1-(2-oxazolyl)ethyl]amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 940276-94-8

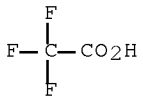
CMF C31 H33 Cl N4 O6 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

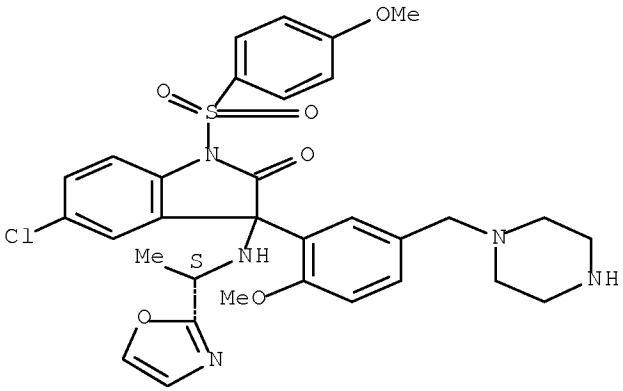


RN 940276-99-3 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-3-[2-methoxy-5-(1-piperazinylmethyl)phenyl]-3-[[(1S)-1-(2-oxazolyl)ethyl]amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

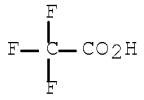
CRN 940276-98-2
CMF C32 H34 Cl N5 O6 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

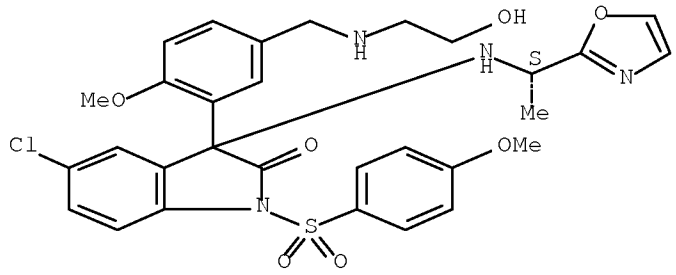


RN 940277-13-4 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3-[5-[[(2-hydroxyethyl)amino]methyl]-2-methoxyphenyl]-1-[(4-methoxyphenyl)sulfonyl]-3-[[(1S)-1-(2-oxazolyl)ethyl]amino]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

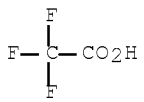
CRN 940277-12-3
CMF C30 H31 Cl N4 O7 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2



CC 27-11 (Heterocyclic Compounds (One Hetero Atom))

Section cross-reference(s): 1

IT 940274-79-3P 940274-80-6P 940274-82-8P 940274-83-9P 940274-85-1P
940274-87-3P 940274-89-5P 940274-91-9P 940274-93-1P 940274-95-3P
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940275-04-7P 940275-06-9P 940275-08-1P 940275-10-5P 940275-12-7P
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940278-59-1P 940278-61-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

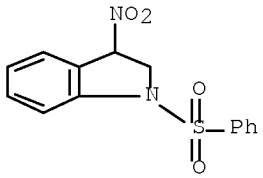
(preparation of phenylsulfonylindol-2-ones for the treatment of vasopressin dependent diseases)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L26 ANSWER 3 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:488175 HCAPLUS Full-text

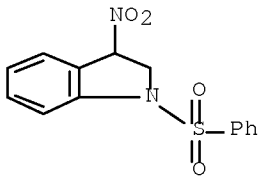
DOCUMENT NUMBER: 148:155904
TITLE: 9-(Phenylsulfonyl)-9H-carbazol-2-ol
AUTHOR(S): Kishbaugh, T. L. S.; Gribble, Gordon W.; Jasinski, Jerry P.
CORPORATE SOURCE: Department of Chemistry, Dartmouth College, Hanover, NH, 03755-3564, USA
SOURCE: Acta Crystallographica, Section E: Structure Reports Online (2007), E63(5), o2472-o2473
CODEN: ACSEBH; ISSN: 1600-5368
URL: http://journals.iucr.org/e/issues/2007/05/00/tk2149/tk2149.pdf
PUBLISHER: Blackwell Publishing Ltd.
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
OTHER SOURCE(S): CASREACT 148:155904
ED Entered STN: 04 May 2007
AB The crystal structure of 9-(phenylsulfonyl)-9H-carbazol-2-ol, C18H13NO3S, confirms the structure of this compound formed from a Diels-Alder reaction between 3-nitro-1-(phenylsulfonyl)indole and 1-methoxy-3-(trimethylsiloxy)-1,3-butadiene (Danishefsky's diene). The angle between planes of the carbazole ring system and the phenylsulfonyl ring is 89.97(17)°. Crystallog. data are given.
IT 1001206-50-3, 3-Nitro-1-(phenylsulfonyl)indole
RL: RCT (Reactant); RACT (Reactant or reagent)
(Diels-Alder reaction with methoxy(trimethylsiloxy)butadiene)
RN 1001206-50-3 HCAPLUS
CN 1H-Indole, 2,3-dihydro-3-nitro-1-(phenylsulfonyl)- (CA INDEX NAME)



CC 75-8 (Crystallography and Liquid Crystals)
Section cross-reference(s): 22, 27
IT 1001206-50-3, 3-Nitro-1-(phenylsulfonyl)indole
RL: RCT (Reactant); RACT (Reactant or reagent)
(Diels-Alder reaction with methoxy(trimethylsiloxy)butadiene)
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L26 ANSWER 4 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:488174 HCAPLUS Full-text
DOCUMENT NUMBER: 148:155903
TITLE: 4-Methoxy-4a-nitro-9-(phenylsulfonyl)-4,4a,9,9a-tetrahydro-1H-carbazol-2(3H)-one
AUTHOR(S): Kishbaugh, T. L. S.; Gribble, Gordon W.; Jasinski, Jerry P.
CORPORATE SOURCE: Department of Chemistry, Dartmouth College, Hanover, NH, 03755-3564, USA
SOURCE: Acta Crystallographica, Section E: Structure Reports Online (2007), E63(5), o2470-o2471
CODEN: ACSEBH; ISSN: 1600-5368

URL: http://journals.iucr.org/e/issues/2007/05/00/tk2148/tk2148.pdf
PUBLISHER: Blackwell Publishing Ltd.
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
OTHER SOURCE(S): CASREACT 148:155903
ED Entered STN: 04 May 2007
AB The crystal structure of 4-methoxy-4a-nitro-9-(phenylsulfonyl)-4,4a,9,9a-tetrahydro-1H-carbazol-2(3H)-one, C19H18N2O6S, confirms the structure of this novel Diels-Alder adduct formed from the reaction of 3-nitro-1-(phenylsulfonyl)indole and 1-methoxy-3-(trimethylsiloxy)-1,3- butadiene (Danishefsky's diene). The angle between the planes of the indoline ring system and the phenylsulfonyl ring is 69.9(4)°. Crystallog. data are given.
IT 1001206-50-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(Diels-Alder reaction with methoxy(trimethylsiloxy)butadiene)
RN 1001206-50-3 HCAPLUS
CN 1H-Indole, 2,3-dihydro-3-nitro-1-(phenylsulfonyl)- (CA INDEX NAME)



CC 75-8 (Crystallography and Liquid Crystals)
IT 1001206-50-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(Diels-Alder reaction with methoxy(trimethylsiloxy)butadiene)
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L26 ANSWER 5 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1006561 HCAPLUS Full-text
DOCUMENT NUMBER: 145:377196
TITLE: Preparation of 1,3-dihydro-1-(phenylsulfonyl)-2H-indol-2-ones and related compounds as vasopressin V1B receptor modulators
INVENTOR(S): Lubisch, Wilfried; Oost, Thorsten; Wernet, Wolfgang; Hornberger, Wilfried; Unger, Liliane; Geneste, Herve
PATENT ASSIGNEE(S): Abbott G.m.b.H. & Co. K.-G., Germany
SOURCE: PCT Int. Appl., 80pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

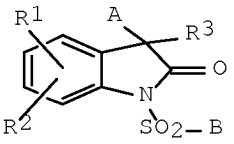
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006100080	A1	20060928	WO 2006-EP2683	20060323
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,				

KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

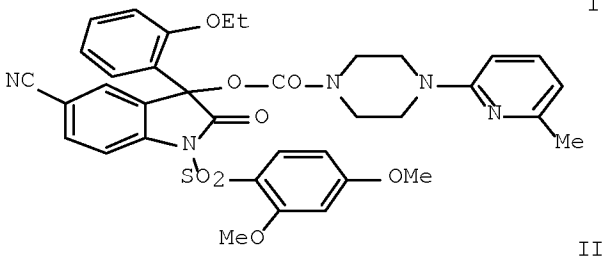
DE 102005014936	A1	20061214	DE 2005-102005014936	20050326
CA 2601424	A1	20060928	CA 2006-2601424	20060323
EP 1861390	A1	20071205	EP 2006-723671	20060323
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR				
MX 200711698	A	20080311	MX 2007-11698	20070921

PRIORITY APPLN. INFO.: US 2005-664793P P 20050324
DE 2005-102005014936A 20050326
WO 2006-EP2683 W 20060323

OTHER SOURCE(S): CASREACT 145:377196; MARPAT 145:377196
ED Entered STN: 28 Sep 2006
GI



I



II

AB Title compds. I [A = Ph, naphthyl; B = monocylic or bicyclic aromatic ring with provisos; R1 = CN, R2 = H, alkyl, O-alkyl, etc.; R3 = W-X-Y-Z; W = alkylene, alkyl-O-alkyl, etc.; X = CO, SO2, C=NH, etc.; Y = pyrrolidinyl, piperidinyl, homopiperidinyl, etc.] and their pharmaceutically acceptable salts were prepared For example, phenylsulfonylindolone II was prepared from 5-iodoisatin in 5-steps. In vasopressin V1B receptor binding assays, 37-examples of compds. I exhibited Ki values <100 nM.

IT 910897-23-3P 910897-24-4P 910897-25-5P
910897-26-6P 910897-27-7P 910897-28-8P
910897-29-9P 910897-30-2P 910897-44-6P
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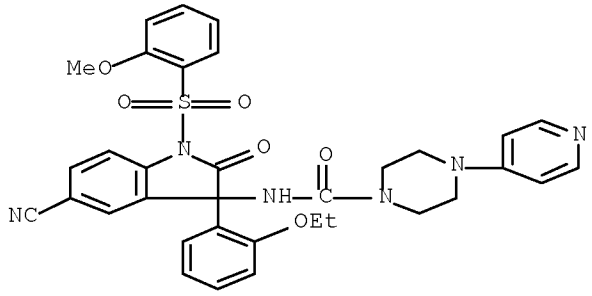
910897-48-2P 910897-55-1P 910897-56-2P
910897-57-3P 910897-58-4P 910897-59-5P
910897-60-8P 910897-61-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylsulfonylindolones and related compds. as vasopressin

V1B receptor modulators)

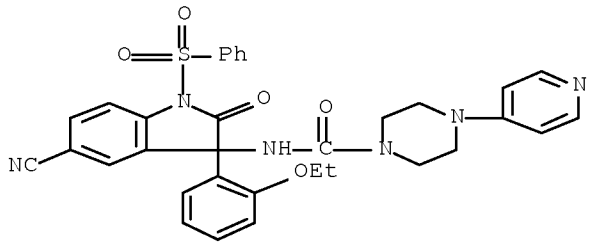
RN 910897-23-3 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



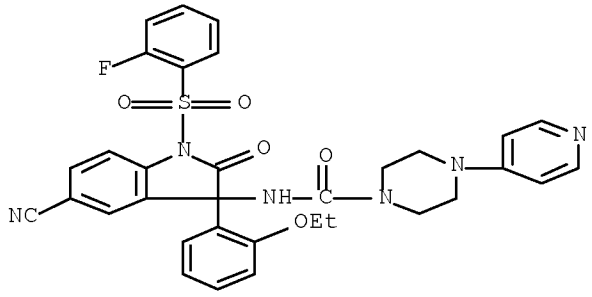
RN 910897-24-4 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)

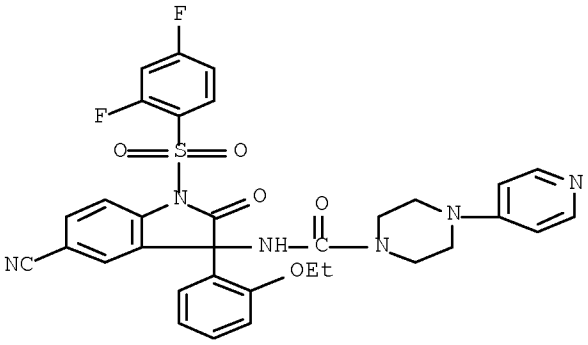


RN 910897-25-5 HCAPLUS

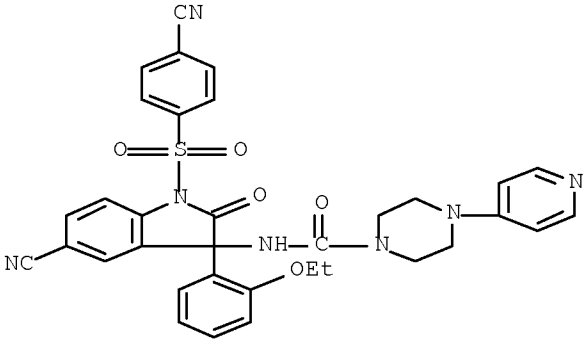
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(2-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



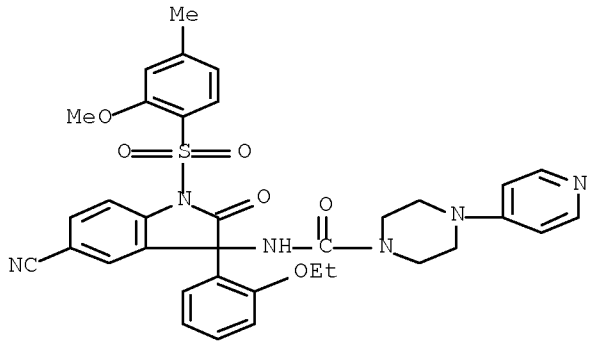
RN 910897-26-6 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-difluorophenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



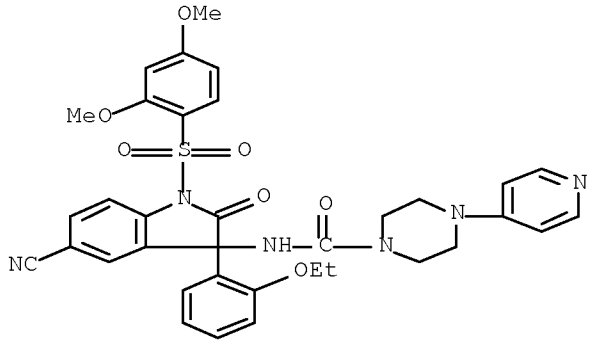
RN 910897-27-7 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(4-cyanophenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



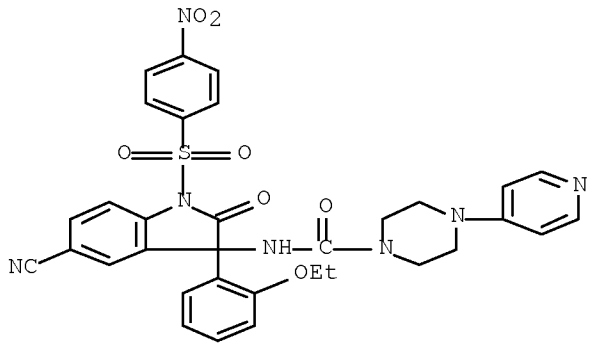
RN 910897-28-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxy-4-methylphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



RN 910897-29-9 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



RN 910897-30-2 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-nitrophenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



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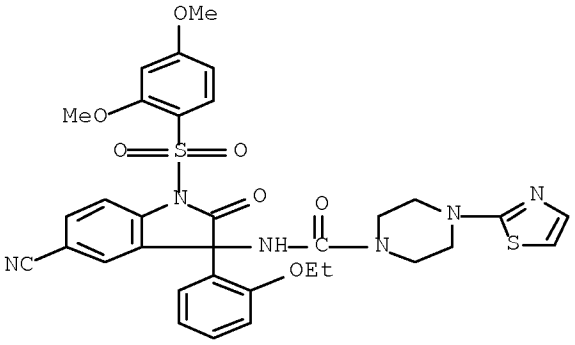
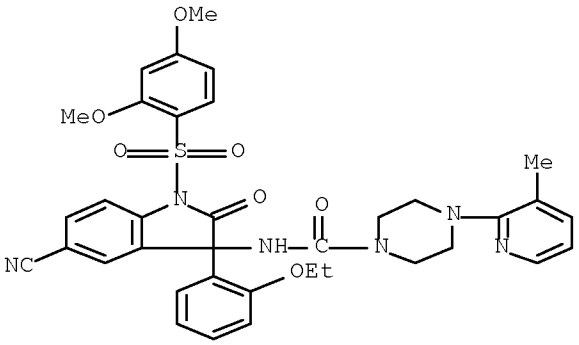
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(2-thiazolyl)- (CA INDEX NAME)



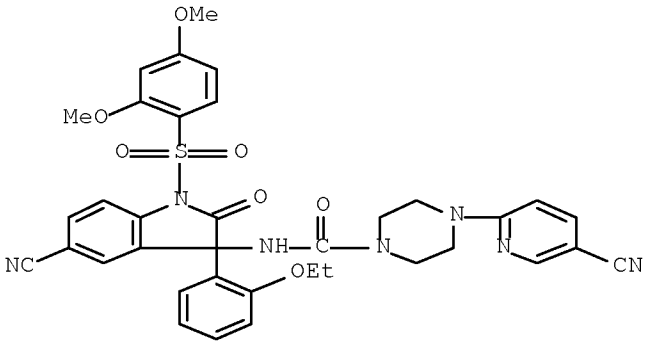
RN 910897-45-9 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(3-methyl-2-pyridinyl)- (CA INDEX NAME)

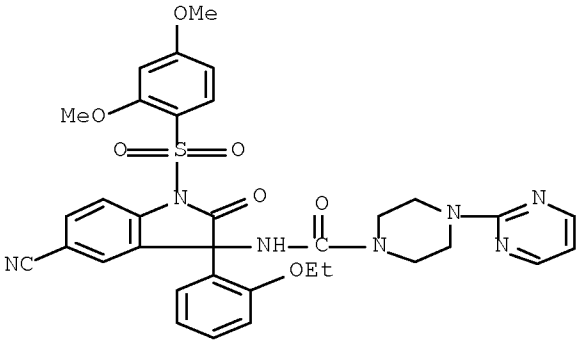


RN 910897-46-0 HCAPLUS

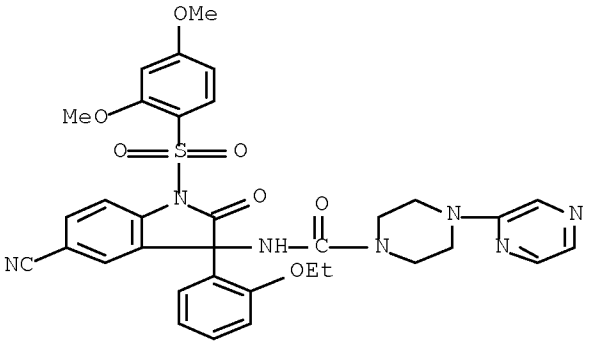
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)



RN 910897-47-1 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(2-pyrimidinyl)- (CA INDEX NAME)

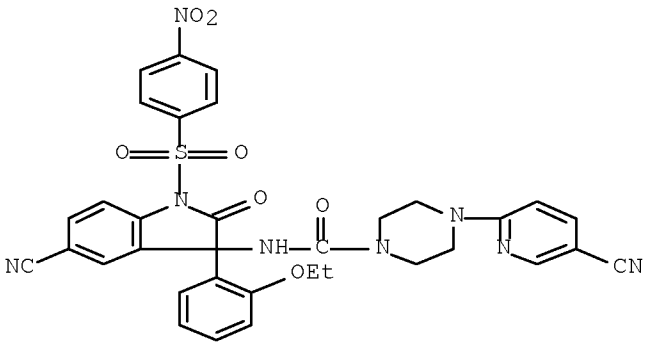


RN 910897-48-2 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(2-pyrazinyl)- (CA INDEX NAME)



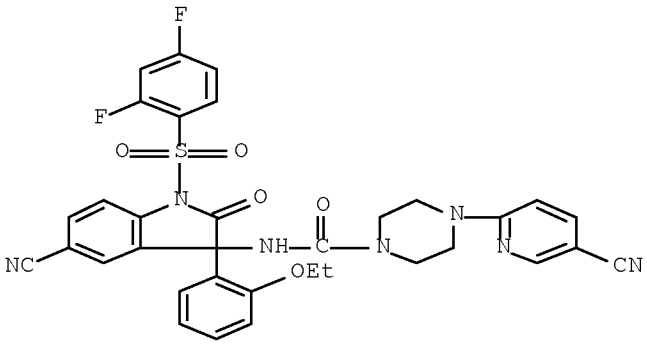
RN 910897-55-1 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-nitrophenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)



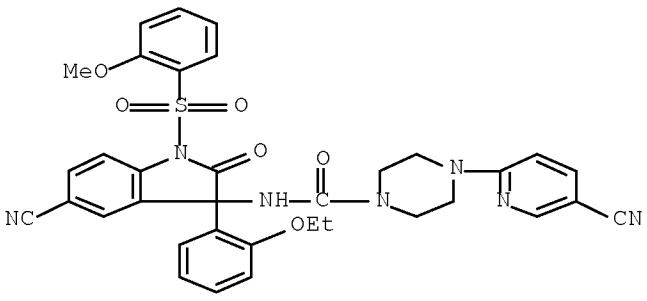
RN 910897-56-2 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-difluorophenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)

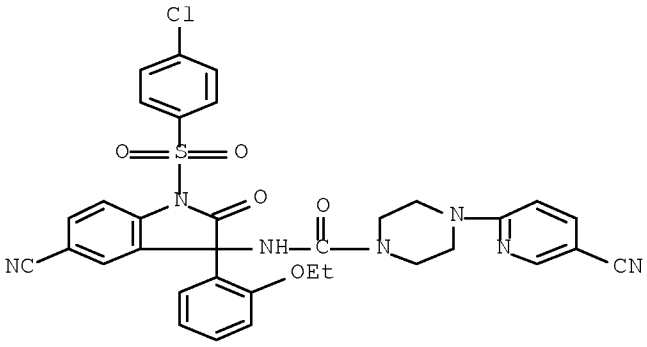


RN 910897-57-3 HCAPLUS

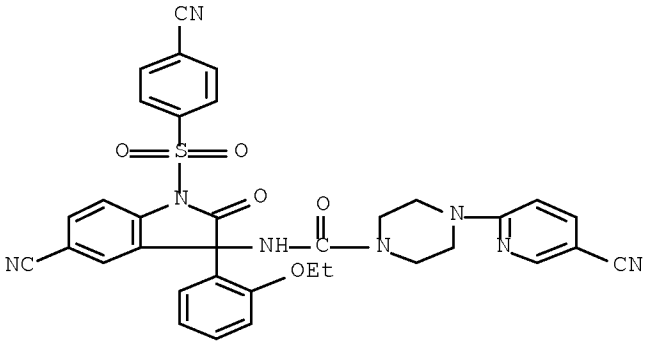
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)



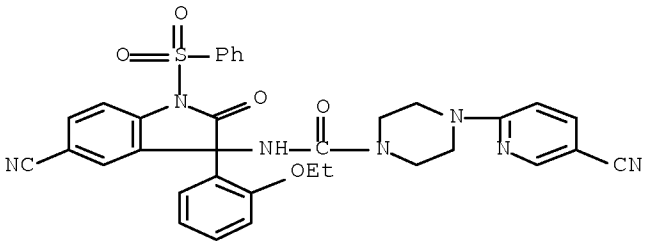
RN 910897-58-4 HCAPLUS
CN 1-Piperazinecarboxamide, N-[1-[(4-chlorophenyl)sulfonyl]-5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)



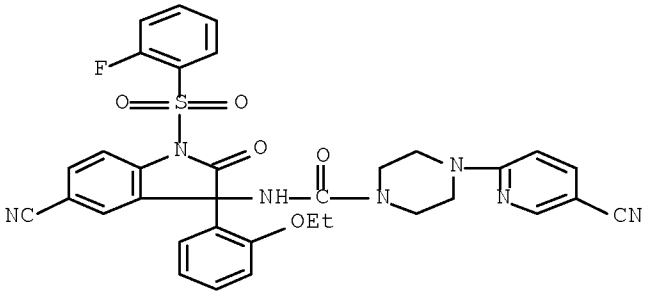
RN 910897-59-5 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(4-cyanophenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)



RN 910897-60-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)



RN 910897-61-9 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(2-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(5-cyano-2-pyridinyl)- (CA INDEX NAME)



CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 1
IT 910897-14-2P 910897-15-3P 910897-16-4P 910897-17-5P 910897-18-6P
910897-19-7P 910897-20-0P 910897-21-1P 910897-22-2P
910897-23-3P 910897-24-4P 910897-25-5P
910897-26-6P 910897-27-7P 910897-28-8P
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910897-60-8P 910897-61-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylsulfonylindolones and related compds. as vasopressin V1B receptor modulators)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L26 ANSWER 6 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:765145 HCAPLUS Full-text
DOCUMENT NUMBER: 145:210877
TITLE: Preparation of 1,3-dihydro-2H-indol-2-one compounds

and pyrrolidin-2-one compound fused with aromatic heterocycle as antagonists of arginine-vasopressin V1b receptor

INVENTOR(S): Sekiguchi, Yoshinori; Kuwada, Takeshi; Hayashi, Masato; Nozawa, Dai; Amada, Yuri; Shibata, Tsuyoshi; Yamamoto, Shuji; Ohta, Hiroshi; Okubo, Taketoshi; Koami, Takeshi

PATENT ASSIGNEE(S): Taisho Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 674pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006080574	A1	20060803	WO 2006-JP301913	20060130

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: JP 2005-21010 A 20050128

OTHER SOURCE(S): MARPAT 145:210877

ED Entered STN: 03 Aug 2006

GI

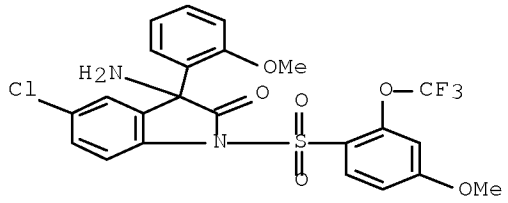
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; ring A = each (un)substituted C6-14 aryl or aromatic heterocyclyl; P = a single bond, C1-5 alkylene; Q = each (un)substituted C6-14 aryl or aromatic heterocyclyl, Q1; RD and RE at 2 and 3 or 3 and 4 positions together form (un)substituted C1-3 alkylenedioxy, (CH2)m-O, N-(un)substituted (CH2)m-NH or NH-(CH2)m, (CH2)m-S, O-(CH2)m-S, or S-(CH2)m-S (m = 2-4); R5 = Q2, Q3, etc.; R6 = H, halo, (un)substituted HO; R7 = H, halo, (un)substituted SH; or R6 and R7 together represent oxo; R9 = each (un)substituted OH, SH or NH2; R33 = H, (un)substituted C1-5 alkyl, C3-8 cycloalkyl, C1-5 alkoxycarbonyl, C6-14 aryl, heterocyclyl; RA, RB, RC = H, halo, NO2, NH2, hydroxyamino, C1-5 alkyl, C1-5 alkoxy, C1-5 alkylthio, etc.] or pharmacol. acceptable salts thereof are prepared These compds. are highly selectively antagonistic to arginine-vasopressin V1b receptor over arginine-vasopressin V1a receptor and arginine-vasopressin V2 receptor, have high metabolic stabilities and show favorable migration into the brain and high concns. in the plasma. They provide drugs which are efficacious against pathol. conditions relating to arginine-vasopressin V1b receptor. More particularly speaking, they provide drugs which have a therapeutic or preventive effect on depression, anxiety, Alzheimer's disease, Parkinson's disease, Huntington's chorea, eating disorders, hypertension, digestive diseases, drug addiction, epilepsy, brain infarction, brain ischemia, brain edema, head injury,

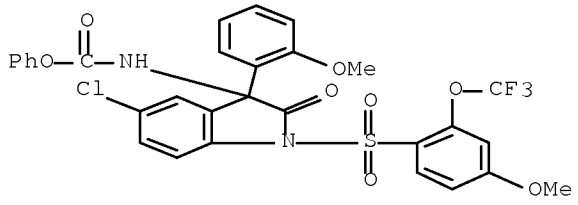
inflammation, immune diseases, alopecia and so on. Thus, reductive amination of (4R)-1-((3R)-5-Chloro-3-[2-methoxy-5-(2-oxoethyl)phenyl]-1- ([4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl)-2-oxo-2,3-dihydro-1H- indol-3-yl)-4-hydroxy-N,N-dimethyl-L-prolinamide with piperidine using sodium triacetoxyborohydride in the presence of acetic acid din a mixture of THF and CHCl3 gave (+)-(4R)-1-[5-Chloro-3-[5-[2-(dimethylamino)ethyl]-2-methoxyphenyl]-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo- 2,3-dihydro-1H-indol-3-yl]-4-hydroxy-N,N-dimethyl-L-prolinamide (II). II inhibited the binding of [3H](Arg8)vasopressin to human arginine vasopressin V1b, V1a, and V2 receptor with IC50 of 0.32, 102, and 5,050, nM, resp.

IT 905084-50-6P 905084-54-0P 905084-70-0P
905084-77-7P 905084-85-7P 905084-92-6P
905087-68-5P 905089-46-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of 1,3-dihydro-2H-indol-2-ones and pyrrolidin-2-ones fused with aromatic heterocycle as selective antagonists of arginine vasopressin V1b receptor)

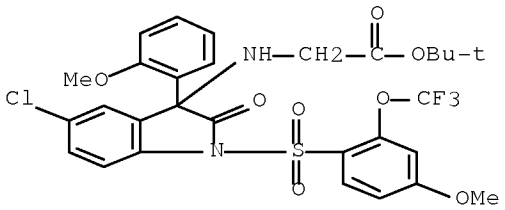
RN 905084-50-6 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]- (CA INDEX NAME)



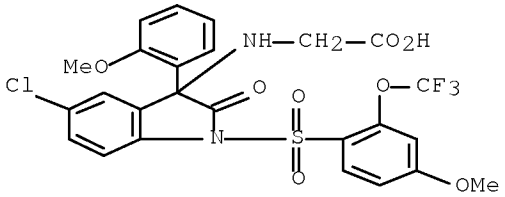
RN 905084-54-0 HCAPLUS
CN Carbamic acid, [5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



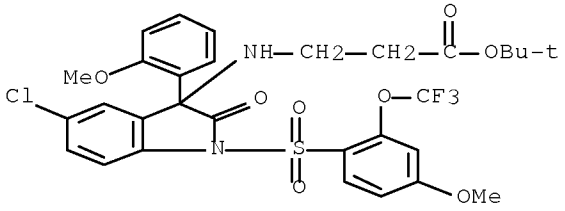
RN 905084-70-0 HCAPLUS
CN Glycine, N-[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



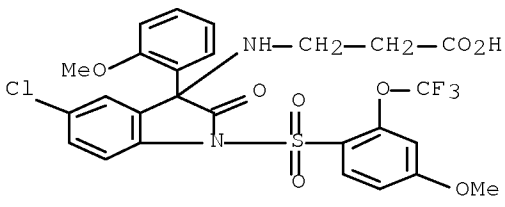
RN 905084-77-7 HCAPLUS
CN Glycine, N-[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



RN 905084-85-7 HCAPLUS
CN β-Alanine, N-[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

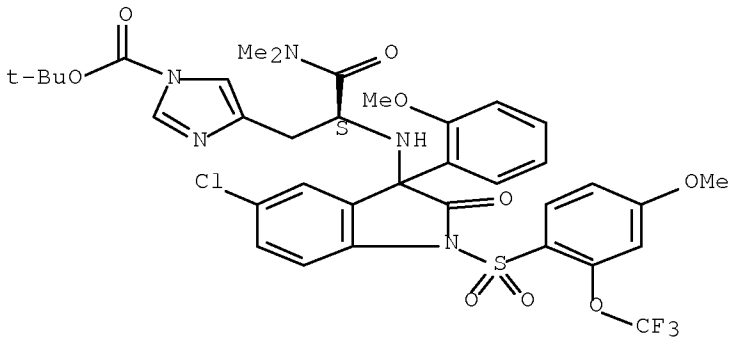


RN 905084-92-6 HCAPLUS
CN β-Alanine, N-[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



RN 905087-68-5 HCAPLUS
CN 1H-Imidazole-1-carboxylic acid, 4-[(2S)-2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-3-(dimethylamino)-3-oxopropyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

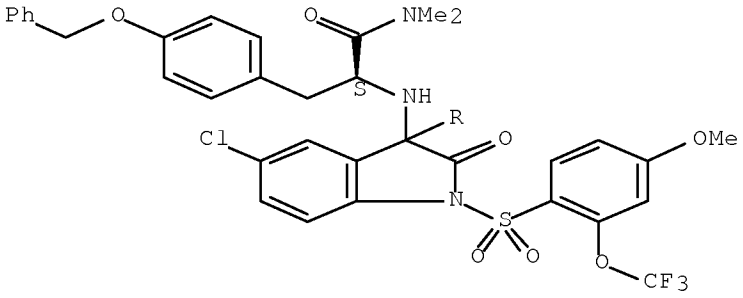
Absolute stereochemistry.



RN 905089-46-5 HCAPLUS
CN Benzenepropanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-4-(phenylmethoxy)-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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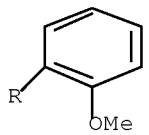

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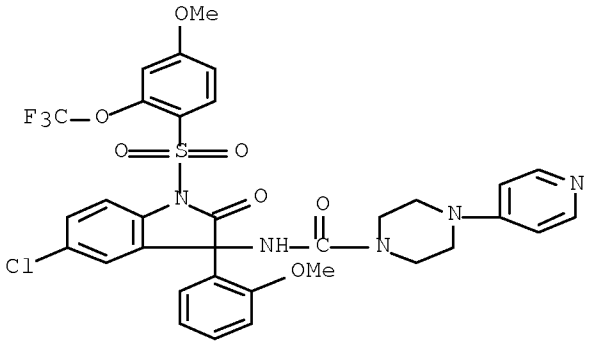
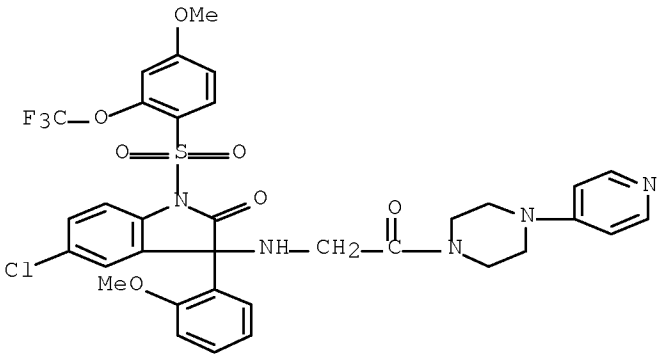
905088-94-0P 905089-22-7P 905089-50-1P
905105-35-3P 905105-58-0P 905105-79-5P
905105-95-5P 905106-19-6P 905106-39-0P
905106-59-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1,3-dihydro-2H-indol-2-ones and pyrrolidin-2-ones fused with
aromatic heterocycle as selective antagonists of arginine vasopressin V1b receptor)

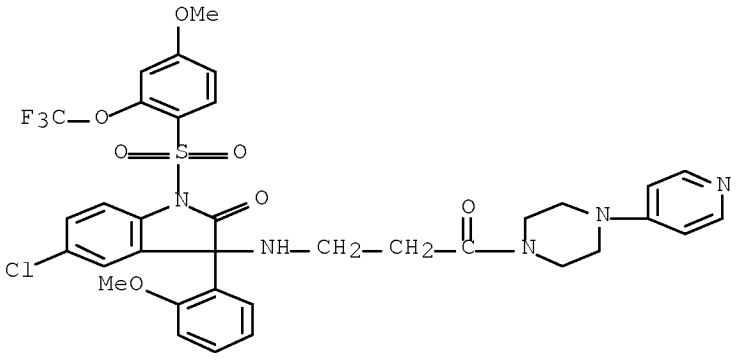
RN 905084-46-0 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



RN 905084-66-4 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-3-[[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]amino]- (CA INDEX NAME)

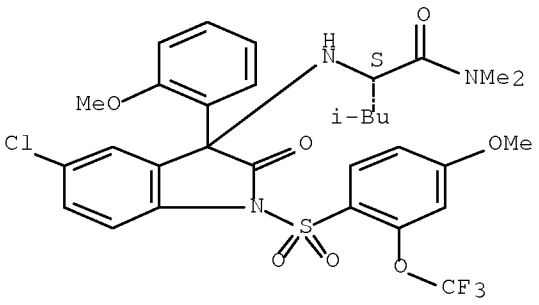


RN 905084-81-3 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-3-[[3-oxo-3-[4-(4-pyridinyl)-1-piperazinyl]propyl]amino]- (CA INDEX NAME)



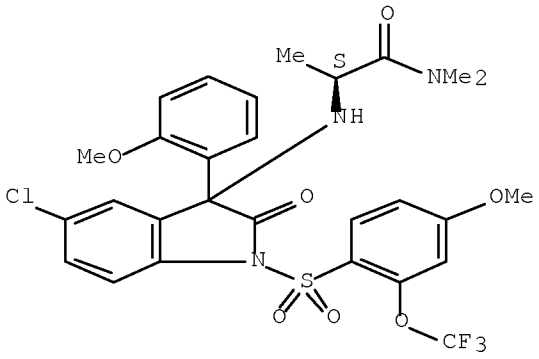
RN 905084-96-0 HCAPLUS
CN Pentanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N,4-trimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

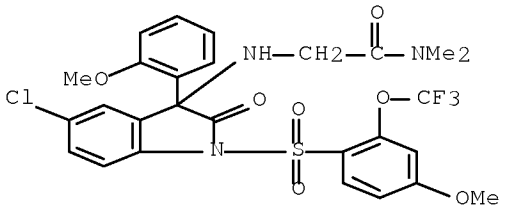


RN 905085-12-3 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

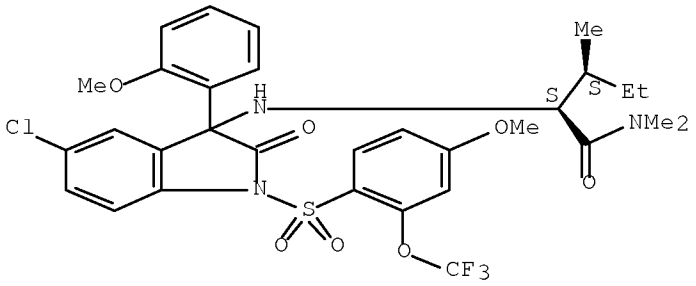


RN 905085-31-6 HCAPLUS
CN Acetamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl- (CA INDEX NAME)



RN 905085-46-3 HCAPLUS
CN Pentanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N,3-trimethyl-, (2S,3S)- (CA INDEX NAME)

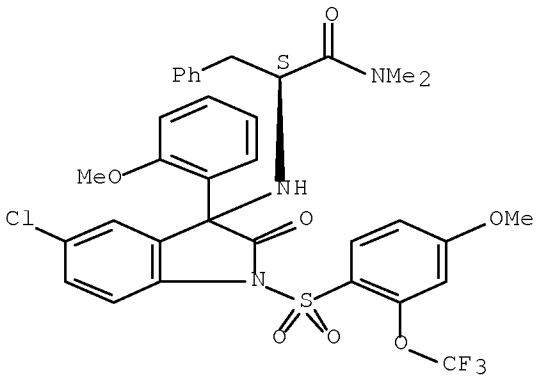
Absolute stereochemistry.



RN 905085-64-5 HCAPLUS

CN Benzenepropanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

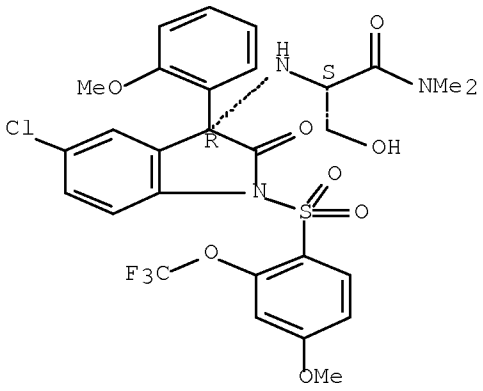
Absolute stereochemistry.



RN 905085-82-7 HCAPLUS

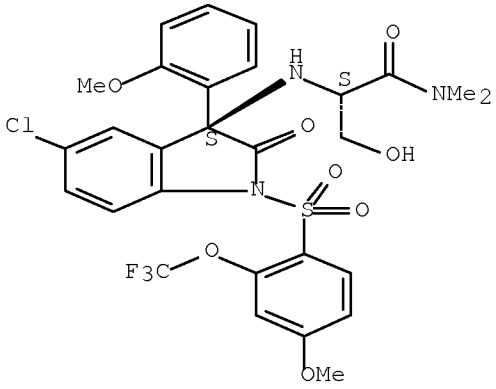
CN Propanamide, 2-[[(3R)-5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-3-hydroxy-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



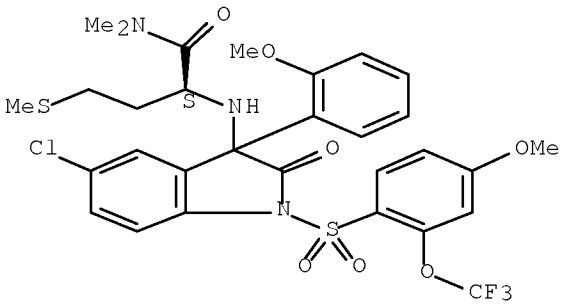
RN 905085-86-1 HCAPLUS
CN Propanamide, 2-[[(3S)-5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-3-hydroxy-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



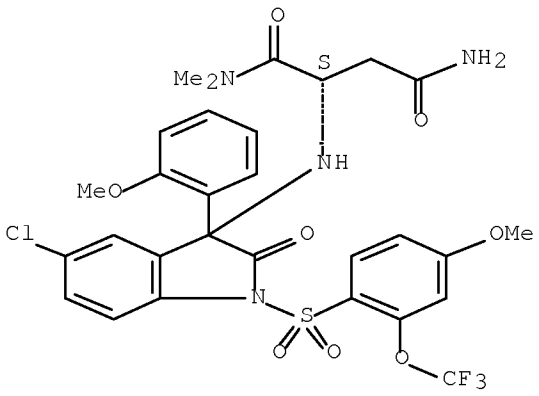
RN 905086-01-3 HCAPLUS
CN Butanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-4-(methylthio)-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



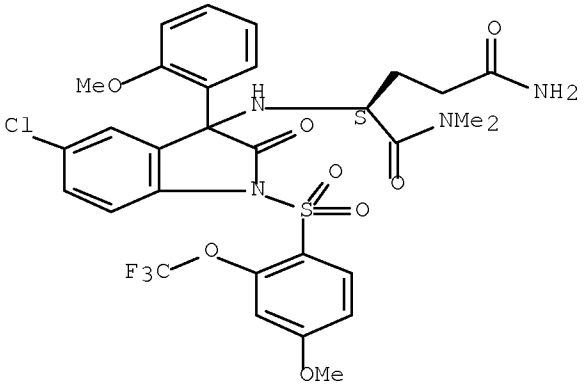
RN 905086-18-2 HCAPLUS
CN Butanediamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N1,N1-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



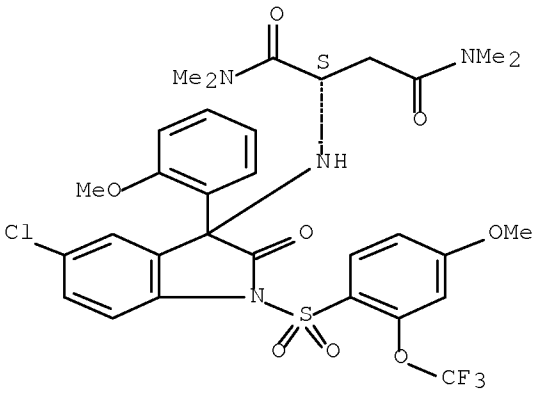
RN 905086-32-0 HCAPLUS
CN Pentanediamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N1,N1-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



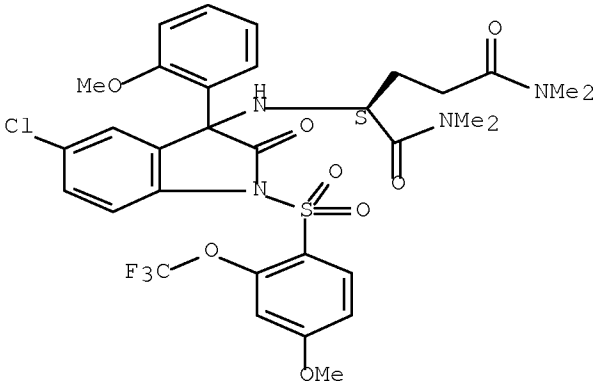
RN 905086-50-2 HCAPLUS
CN Butanediamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N1,N1,N4,N4-tetramethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



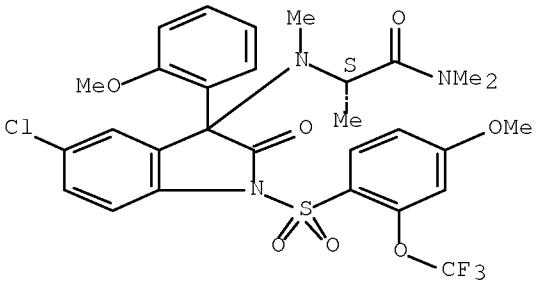
RN 905086-66-0 HCAPLUS
CN Pentanediamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N1,N1,N5,N5-tetramethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



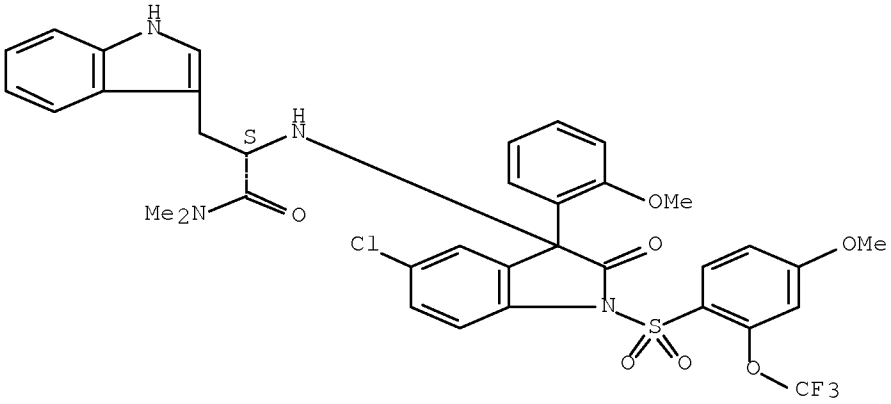
RN 905086-82-0 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]methylamino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 905086-96-6 HCAPLUS
CN 1H-Indole-3-propanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

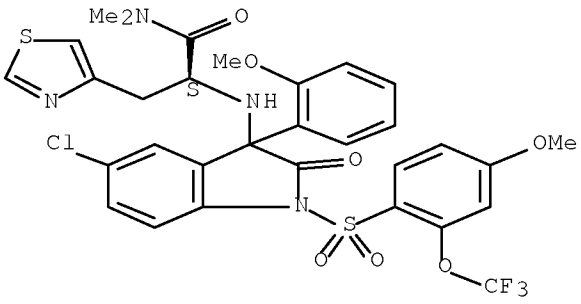
Absolute stereochemistry.



RN 905087-07-2 HCAPLUS

CN 4-Thiazolepropanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

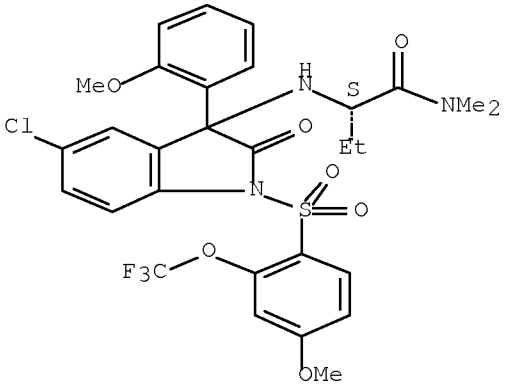
Absolute stereochemistry.



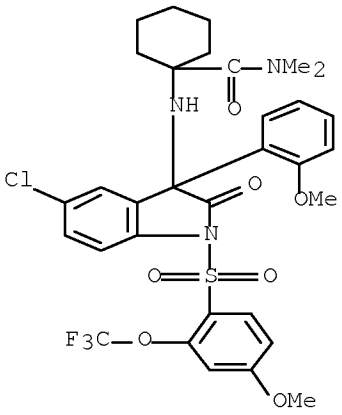
RN 905087-17-4 HCAPLUS

CN Butanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

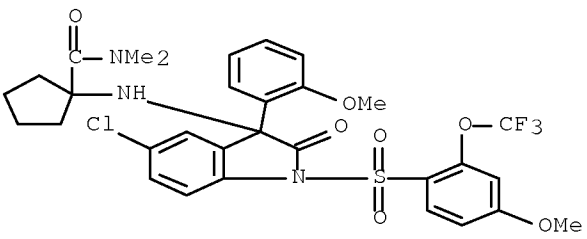
Absolute stereochemistry.



RN 905087-28-7 HCAPLUS
CN Cyclohexanecarboxamide, 1-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl- (CA INDEX NAME)

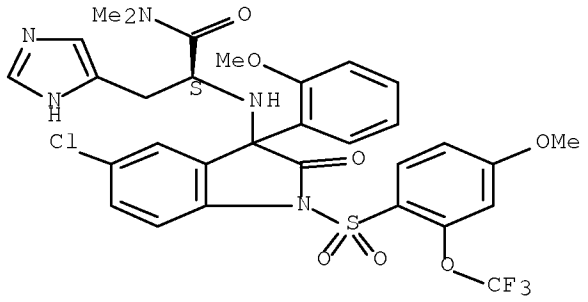


RN 905087-37-8 HCAPLUS
CN Cyclopentanecarboxamide, 1-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl- (CA INDEX NAME)



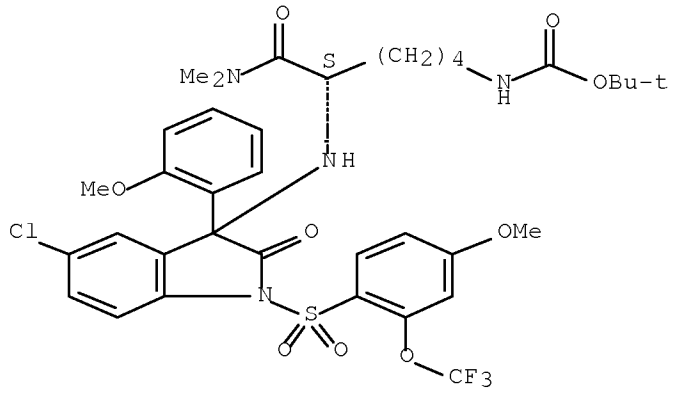
RN 905087-48-1 HCAPLUS
CN 1H-Imidazole-5-propanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.



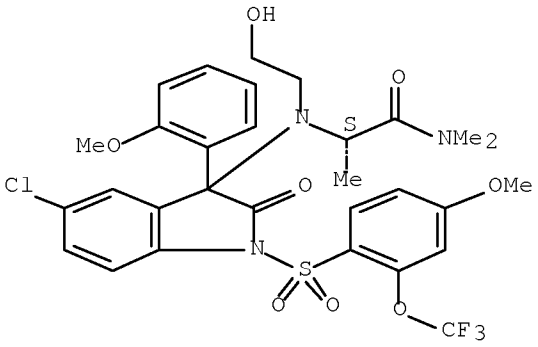
RN 905087-71-0 HCAPLUS
CN Carbamic acid, [(5S)-5-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-6-(dimethylamino)-6-oxohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



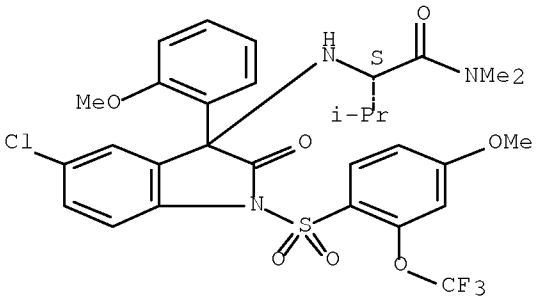
RN 905087-88-9 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl](2-hydroxyethyl)amino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 905088-31-5 HCAPLUS
CN Butanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N,3-trimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 905088-52-0 HCAPLUS
CN 4-Pyridinepropanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

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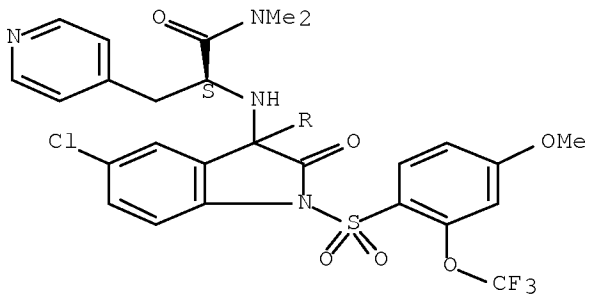

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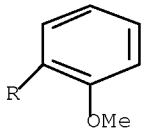

RN 905088-72-4 HCAPLUS

CN 2-Pyridinepropanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

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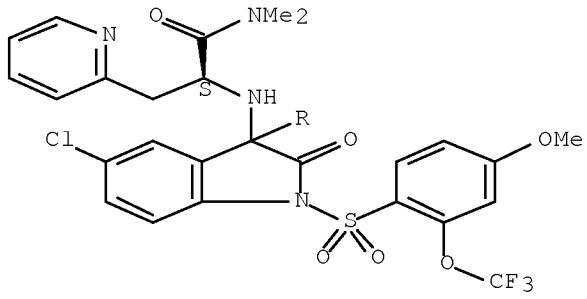

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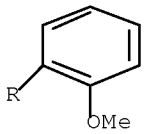
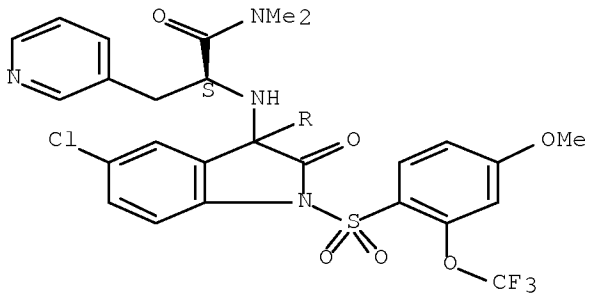


RN 905088-94-0 HCAPLUS

CN 3-Pyridinepropanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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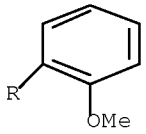
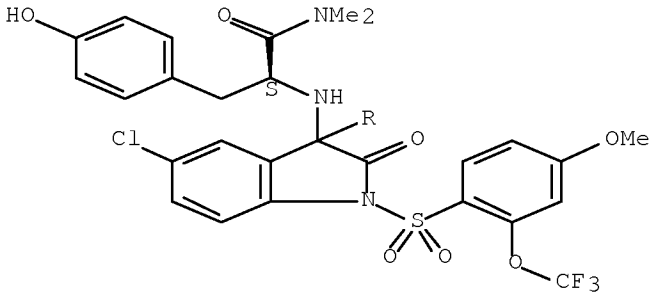


RN 905089-22-7 HCAPLUS

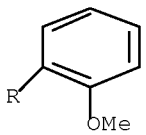
CN Benzenepropanamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-4-hydroxy-N,N-dimethyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

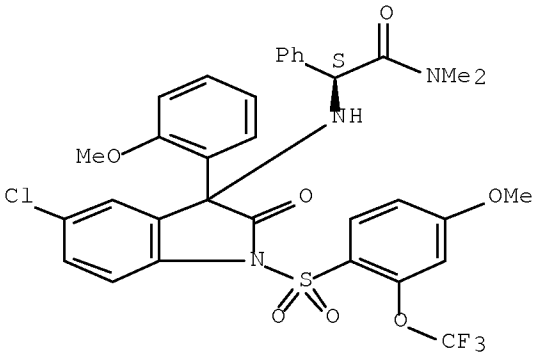


PAGE 2-A



RN 905089-50-1 HCAPLUS
CN Benzeneacetamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.



RN 905105-35-3 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl](2-pyridinylmethyl)amino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

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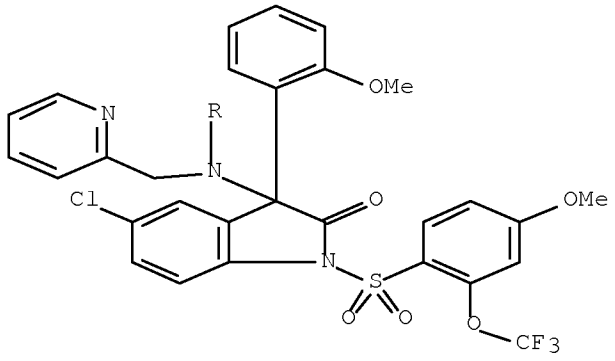

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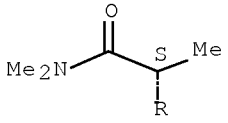
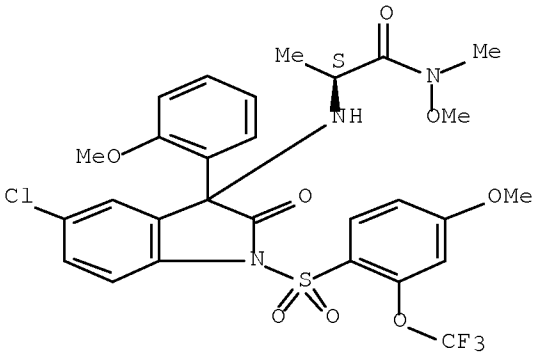
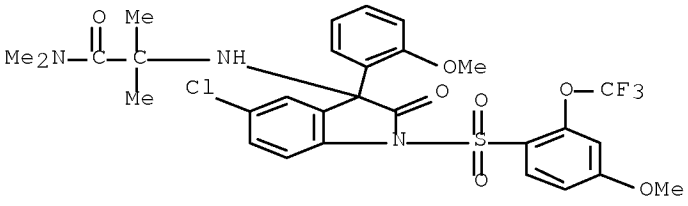


RN 905105-58-0 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N-methoxy-N-methyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 905105-79-5 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N,2-trimethyl- (CA INDEX NAME)



RN 905105-95-5 HCAPLUS
CN Cyclohexaneacetamide, α-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (αS)- (CA INDEX NAME)

Absolute stereochemistry.

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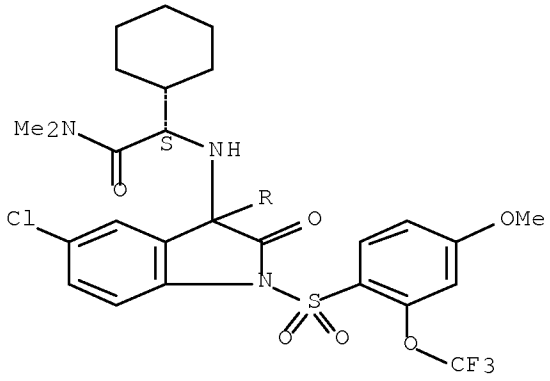
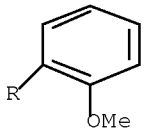
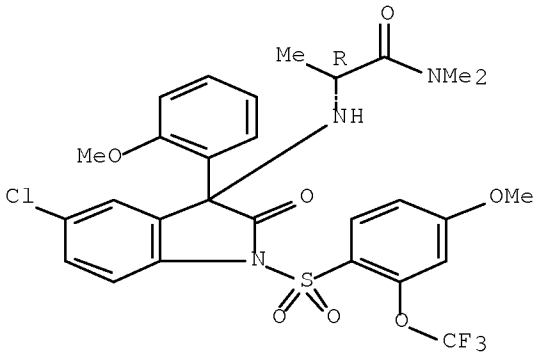


PAGE 2-A



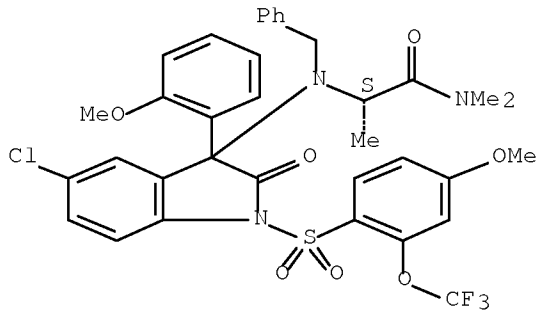
RN 905106-19-6 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



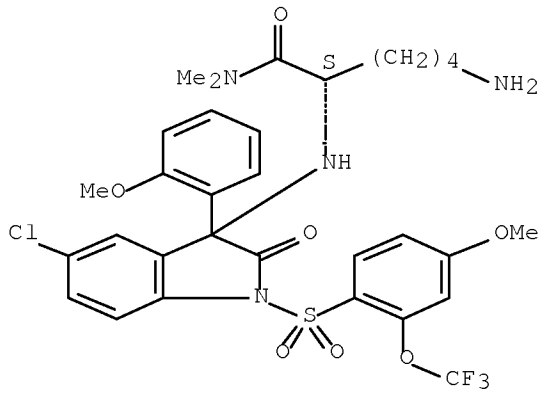
RN 905106-39-0 HCAPLUS
CN Propanamide, 2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl](phenylmethyl)amino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 905106-59-4 HCAPLUS
CN Hexanamide, 6-amino-2-[[5-chloro-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-methoxy-2-(trifluoromethoxy)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]amino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 1, 28, 34
IT 581-45-3P, 4-(Piperidin-4-yl)pyridine 774-82-3P 17100-64-0P 19056-41-8P, 3-Bromo-4-methoxyaniline 30992-29-1P, N-(tert-Butoxycarbonyl)-2-methylalanine 32229-19-9P, 2-Bromo-4-isopropyl-1-methoxybenzene 32326-40-2P 34306-42-8P, (2S)-2-[(tert-Butoxycarbonyl)amino]butanoic acid 35264-09-6P, 1-[(tert-Butoxycarbonyl)amino]cyclopentanecarboxylic acid 38493-59-3P, (3-Bromo-4-methoxyphenyl)methanol 41280-65-3P 42718-51-4P 42718-52-5P 42771-30-2P, 2,3,4-Trimethoxybenzenesulfonyl chloride 62147-27-7P 70548-79-7P 72080-89-8P 72287-76-4P 74844-91-0P, 1-tert-Butyl 2-methyl (2S,4R)-4-hydroxypyrrolidine-1,2-dicarboxylate 74844-93-2P 78800-68-7P 83181-57-1P 83548-46-3P 83548-49-6P 85477-01-6P, 2,4,5-Trimethoxybenzenesulfonyl chloride 87694-49-3P 89813-47-8P 90642-46-9P 100125-96-0P 102195-80-2P, 1-tert-Butyl 2-methyl (2S)-4-oxopyrrolidine-1,2-dicarboxylate 102236-13-5P 115951-16-1P, 1-[(tert-Butoxycarbonyl)amino]cyclohexanecarboxylic acid

125218-78-2P 126937-41-5P, 1-[(Benzyloxy)carbonyl]-4-(tert-butoxycarbonyl)piperazine-2-carboxylic acid 127423-55-6P 128636-85-1P 128636-99-7P 131792-55-7P 142738-94-1P 149142-67-6P 149865-91-8P 153460-90-3P 153461-00-8P 153548-49-3P 154462-98-3P 181115-01-5P 186431-37-8P 186431-79-8P 191602-60-5P, 4-(3-Bromo-4-methoxyphenyl)pyridine 192821-24-2P 192821-40-2P 200864-70-6P 203866-13-1P 203866-15-3P 203866-16-4P 203866-17-5P 204398-84-5P 204398-85-6P 214784-83-5P 223418-72-2P, 2-(3-Bromo-4-methoxyphenyl)-1,3-dioxolane 233684-35-0P 241825-30-9P 347888-57-7P 352278-31-0P, tert-Butyl (2S,4S)-2-[(dimethylamino)carbonyl]-4-hydroxypyrrolidine-1-carboxylate 383424-83-7P 383425-10-3P 394734-93-1P, Benzyl [(1S)-2-(dimethylamino)-2-oxo-1-phenylethyl]carbamate 444341-95-1P 492430-23-6P, 5-Chloro-3-(2-fluorophenyl)-3-hydroxy-1,3-dihydro-2H-indol-2-one 556834-89-0P 556834-90-3P 682353-53-3P 728012-28-0P 807322-36-7P 807322-38-9P 847866-18-6P 847866-20-0P, tert-Butyl (2S,4R)-2-[(dimethylamino)carbonyl]-4-fluoropyrrolidine-1-carboxylate 847866-21-1P 847866-22-2P 847866-23-3P 847866-24-4P 847866-26-6P 847866-27-7P 847866-28-8P 847866-29-9P 847866-31-3P 847866-32-4P 847866-33-5P 847866-34-6P 847866-35-7P 847866-36-8P 847866-37-9P 847866-44-8P, tert-Butyl (2S,4S)-2-[(azetidin-1-yl)carbonyl]-4-hydroxypyrrolidine-1-carboxylate 847866-45-9P 847866-47-1P 847866-51-7P 847866-53-9P 847866-55-1P 847866-57-3P 847866-61-9P 847866-63-1P 847866-65-3P 847866-66-4P 847866-70-0P 847866-71-1P 847866-72-2P 847866-73-3P 847866-74-4P 847866-75-5P 847866-77-7P 847866-79-9P 847866-81-3P 847866-84-6P 847866-86-8P 847866-89-1P 847866-90-4P 847866-91-5P 898874-47-0P 905077-05-6P 905077-08-9P 905077-14-7P 905077-18-1P 905077-49-8P 905077-87-4P 905077-91-0P 905078-13-9P 905078-17-3P 905078-54-8P 905078-62-8P 905078-69-5P 905078-74-2P 905078-78-6P 905078-82-2P 905079-47-2P 905079-55-2P 905079-59-6P 905079-89-2P 905079-94-9P 905080-00-4P 905080-89-9P 905080-96-8P 905081-72-3P 905081-76-7P 905082-06-6P 905082-10-2P 905082-14-6P 905082-18-0P 905082-26-0P 905082-30-6P 905082-43-1P 905082-48-6P 905082-53-3P 905082-92-0P 905082-99-7P 905083-03-6P 905083-07-0P 905083-15-0P 905083-22-9P 905083-38-7P 905083-49-0P 905083-57-0P 905083-68-3P 905083-80-9P 905083-98-9P 905084-10-8P 905084-14-2P 905084-18-6P 905084-26-6P 905084-38-0P 905084-50-6P 905084-54-0P 905084-62-0P 905084-70-0P 905084-77-7P 905084-85-7P 905084-92-6P 905085-04-3P 905085-08-7P 905085-23-6P 905085-27-0P 905085-38-3P 905085-42-9P 905085-56-5P 905085-60-1P 905085-74-7P 905085-78-1P 905085-93-0P 905085-97-4P 905086-08-0P 905086-12-6P 905086-15-9P 905086-26-2P 905086-29-5P 905086-35-3P 905086-41-1P 905086-44-4P 905086-47-7P 905086-53-5P 905086-57-9P 905086-60-4P 905086-63-7P 905086-69-3P 905086-73-9P 905086-76-2P 905086-79-5P 905086-87-5P 905086-90-0P 905086-93-3P 905087-00-5P 905087-03-8P 905087-05-0P 905087-10-7P 905087-12-9P 905087-14-1P 905087-19-6P 905087-22-1P 905087-24-3P 905087-26-5P 905087-30-1P 905087-33-4P 905087-35-6P 905087-39-0P 905087-42-5P 905087-45-8P 905087-51-6P 905087-56-1P 905087-59-4P 905087-62-9P 905087-65-2P 905087-68-5P 905087-80-1P 905087-84-5P 905087-95-8P 905087-99-2P 905088-03-1P 905088-07-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of 1,3-dihydro-2H-indol-2-ones and pyrrolidin-2-ones fused with aromatic heterocycle as selective antagonists of arginine vasopressin V1b receptor)

IT 905088-15-5P 905088-23-5P 905088-27-9P 905088-44-0P 905088-48-4P 905088-56-4P 905088-64-4P 905088-68-8P 905088-76-8P 905088-86-0P 905088-90-6P 905088-99-5P 905089-12-5P 905089-17-0P 905089-29-4P 905089-34-1P 905089-38-5P 905089-42-1P 905089-46-5P

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905091-57-8P 905091-59-0P 905091-64-7P 905091-66-9P 905091-71-6P
905091-73-8P 905091-81-8P 905091-88-5P 905091-94-3P 905091-97-6P
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905093-01-8P 905093-13-2P 905093-21-2P 905093-25-6P 905093-33-6P
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905105-50-2P 905105-54-6P 905105-68-2P 905105-71-7P 905105-75-1P
905105-83-1P 905105-87-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of 1,3-dihydro-2H-indol-2-ones and pyrrolidin-2-ones fused with aromatic heterocycle as selective antagonists of arginine vasopressin V1b receptor)

IT 905077-22-7P 905077-30-7P 905077-34-1P 905077-38-5P 905077-42-1P
905077-53-4P 905077-80-7P 905077-95-4P 905077-99-8P 905078-03-7P
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905080-69-5P 905080-85-5P 905081-00-7P 905081-04-1P 905081-16-5P
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905084-46-0P 905084-58-4P 905084-66-4P
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905100-77-8P 905100-81-4P 905100-84-7P 905100-88-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1,3-dihydro-2H-indol-2-ones and pyrrolidin-2-ones fused with
aromatic heterocycle as selective antagonists of arginine vasopressin V1b receptor)

IT 905100-92-7P 905100-96-1P 905101-00-0P 905101-04-4P 905101-35-1P
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905107-56-4P 905107-60-0P 905289-70-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1,3-dihydro-2H-indol-2-ones and pyrrolidin-2-ones fused with
aromatic heterocycle as selective antagonists of arginine vasopressin V1b receptor)

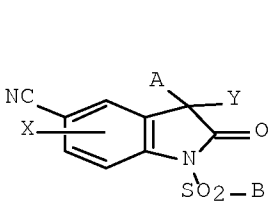
REFERENCE COUNT: 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L26 ANSWER 7 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:681060 HCAPLUS Full-text
DOCUMENT NUMBER: 145:145538
TITLE: Preparation of phenylsulfonylindolones and related compounds for the treatment of vasopressin or oxytocin dependent diseases
INVENTOR(S): Lubisch, Wilfried; Oost, Thorsten; Wernet, Wolfgang; Unger, Liliane; Hornberger, Wilfried; Geneste, Herve
PATENT ASSIGNEE(S): Abbott Gmbh & Co. KG, Germany
SOURCE: PCT Int. Appl., 105 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006072458	A2	20060713	WO 2005-EP14150	20051230
WO 2006072458	A3	20061005		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
CA 2593044	A1	20060713	CA 2005-2593044	20051230
EP 1831197	A2	20070912	EP 2005-820446	20051230
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR				

PRIORITY APPLN. INFO.:
DE 2004-102004063843A 20041231
DE 2005-102005014105A 20050318
US 2005-663349P P 20050318
WO 2005-EP14150 W 20051230

OTHER SOURCE(S): MARPAT 145:145538
ED Entered STN: 14 Jul 2006
GI



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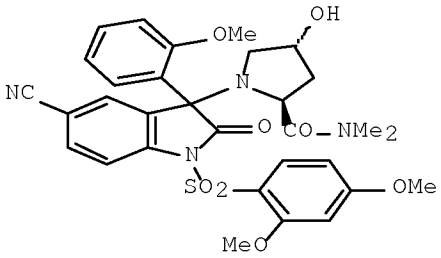


II

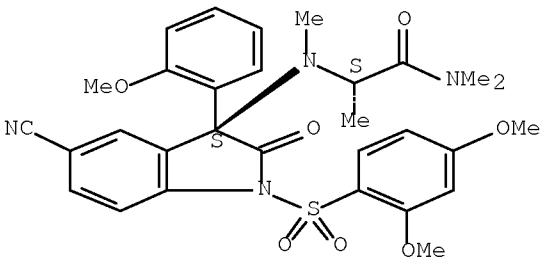
AB Title compds. I [A = aryl with provisos; B = aromatic ring with provisos; X = H, halo, CN, etc.; Y = N(R1)C(R2R3R4); R1 = H, alkyl, cycloalkyl; R2 = H, alkyl, cycloalkyl; R3 = H, alkyl, cycloalkyl; R4 = H, CO2H, CO2-alkyl, etc.] and their pharmaceutically acceptable salts and formulations were prepared For example, phenylsulfonylindolone II was prepared from 5-iodoisatin in 4-steps. Compds. I claimed to be useful as vasopressin V1B receptor inhibitors (no data provided).

IT 898872-37-2P 898872-54-3P 898872-72-5P
898872-78-1P 898872-86-1P 898872-93-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylsulfonylindolones and related compds. for treatment of
vasopressin or oxytocin dependent diseases)

RN 898872-37-2 HCAPLUS

CN Propanamide, 2-[[(3S)-5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]methylamino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

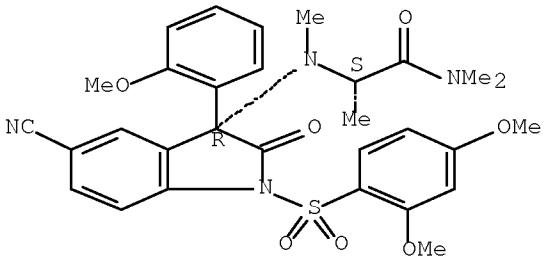
Absolute stereochemistry.



RN 898872-54-3 HCAPLUS

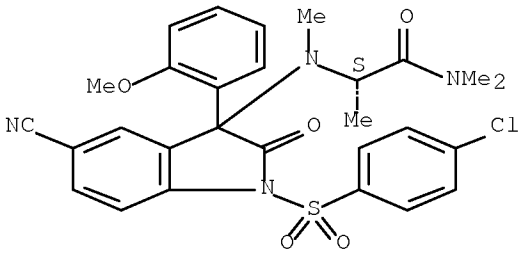
CN Propanamide, 2-[[(3R)-5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]methylamino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



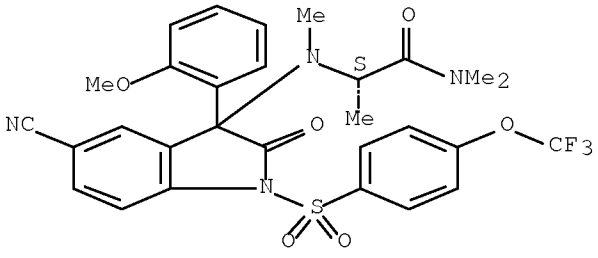
RN 898872-72-5 HCAPLUS
CN Propanamide, 2-[[1-[(4-chlorophenyl)sulfonyl]-5-cyano-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]methylamino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



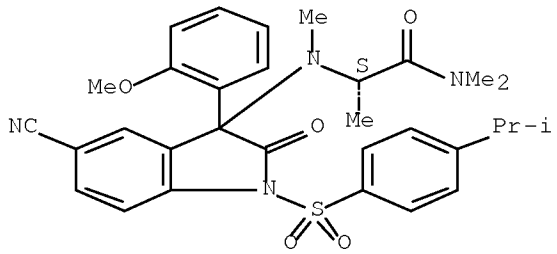
RN 898872-78-1 HCAPLUS
CN Propanamide, 2-[[5-cyano-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1-[[4-(trifluoromethoxy)phenyl]sulfonyl]-1H-indol-3-yl]methylamino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



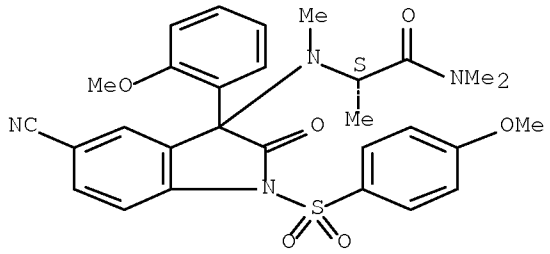
RN 898872-86-1 HCAPLUS
CN Propanamide, 2-[[5-cyano-2,3-dihydro-3-(2-methoxyphenyl)-1-[[4-(1-methylethyl)phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]methylamino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 898872-93-0 HCAPLUS
CN Propanamide, 2-[[5-cyano-2,3-dihydro-3-(2-methoxyphenyl)-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]methylamino]-N,N-dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



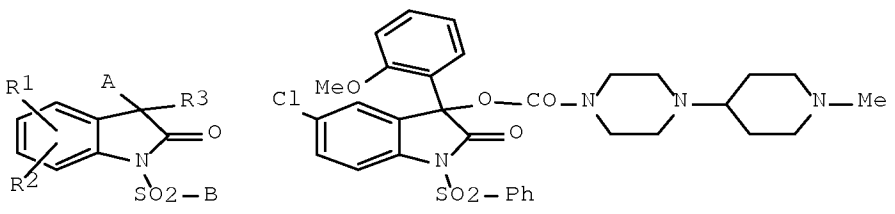
IC ICM A61K
CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 1, 63
IT 898872-09-8P 898872-15-6P 898872-21-4P 898872-26-9P 898872-32-7P
898872-37-2P 898872-43-0P 898872-48-5P 898872-54-3P
898872-60-1P 898872-66-7P 898872-72-5P 898872-78-1P
898872-86-1P 898872-93-0P 898873-01-3P 898873-07-9P
898873-14-8P 898873-20-6P 898873-27-3P 898873-33-1P 898873-38-6P
898873-44-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylsulfonylindolones and related compds. for treatment of
vasopressin or oxytocin dependent diseases)

L26 ANSWER 8 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:54890 HCAPLUS Full-text
DOCUMENT NUMBER: 144:150235
TITLE: Preparation of 1,3-dihydro-1-(phenylsulfonyl)-2H-indol-2-ones and related compounds as vasopressin V1B receptor modulators
INVENTOR(S): Lubisch, Wilfried; Oost, Thorsten; Wernet, Wolfgang; Unger, Liliane; Hornberger, Wilfried; Geneste, Herve

PATENT ASSIGNEE(S): Abbott Gmbh & Co.Kg, Germany
SOURCE: PCT Int. Appl., 130 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006005609	A2	20060119	WO 2005-EP7631	20050713
WO 2006005609	A3	20060316		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
DE 102004033834	A1	20060202	DE 2004-102004033834	20040713
AU 2005261867	A1	20060119	AU 2005-261867	20050713
CA 2573404	A1	20060119	CA 2005-2573404	20050713
EP 1773814	A2	20070418	EP 2005-786049	20050713
EP 1773814	B1	20071107		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR				
CN 101018778	A	20070815	CN 2005-80030708	20050713
AT 377595	T	20071115	AT 2005-786049	20050713
JP 2008506647	T	20080306	JP 2007-520751	20050713
ES 2297755	T3	20080501	ES 2005-786049	20050713
BR 2005013281	A	20080506	BR 2005-13281	20050713
MX 200700505	A	20070625	MX 2007-505	20070112
IN 2007MN00199	A	20070824	IN 2007-MN199	20070208
KR 2007051273	A	20070517	KR 2007-703328	20070212
PRIORITY APPLN. INFO.:			DE 2004-102004033834A	20040713
			US 2004-587407P P	20040713
			WO 2005-EP7631 W	20050713

OTHER SOURCE(S): MARPAT 144:150235
ED Entered STN: 20 Jan 2006
GI



I II

AB Title compds. I [A = (un)substituted aryl; B = (un)substituted aromatic, etc.; R1 = H, alkyl, OH, etc.; R2 = H, alkyl, O-alkyl, etc.; R3 = -Z-Y-X-W; W = alkylene, alkylene-O-alkylene, etc.; X = CO, SO2, C=NH, etc.; Y = pyrrolidinyl, pyridinyl, azepanyl, etc.] and their pharmaceutically acceptable salts were prepared For example, phenylsulfonylindolone II was prepared from 5-chloroisatin in 4-steps. In vasopressin V1B receptor binding assays, 9-examples of compds. I exhibited Ki values <100 nM.

IT 873953-66-3P 873954-09-7P 873954-26-8P
873954-27-9P 873954-32-6P 873954-33-7P
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873954-42-8P 873954-43-9P 873954-62-2P
873954-63-3P 873954-64-4P 873954-65-5P
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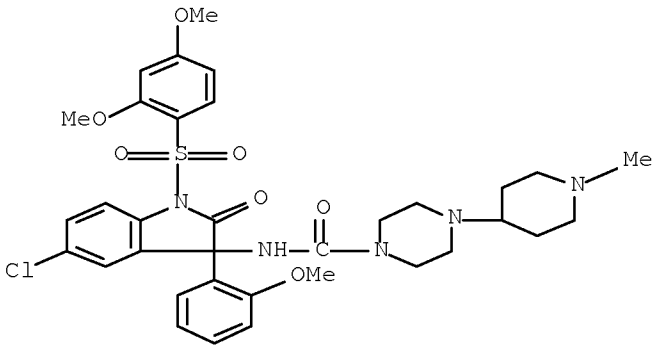
873956-46-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylsulfonylindolones and related compds. for the treatment of vasopressin or oxytocin dependent diseases)

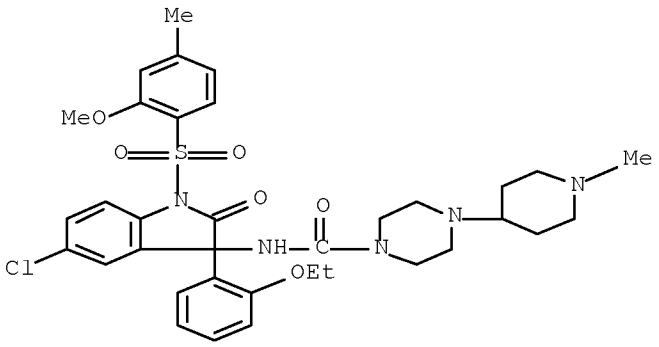
RN 873953-66-3 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)

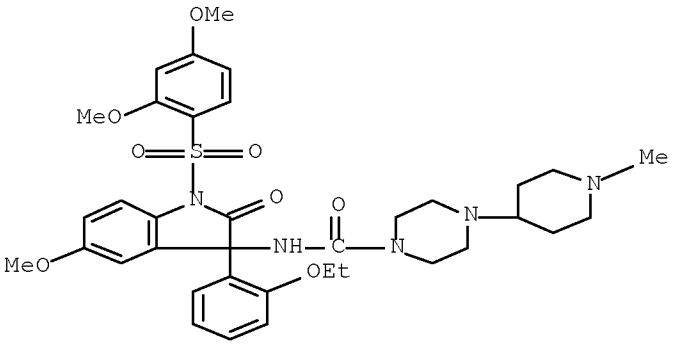


●2 HCl

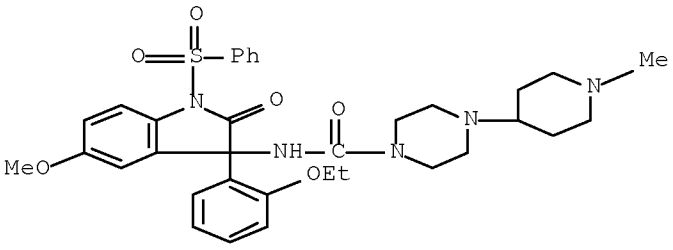
RN 873954-09-7 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxy-4-methylphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



RN 873954-26-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)

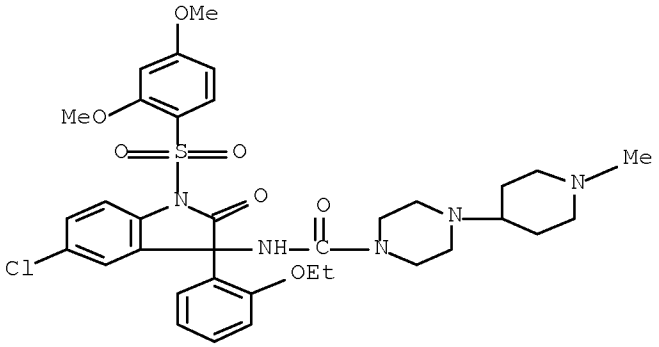


RN 873954-27-9 HCAPLUS
CN 1-Piperazinecarboxamide, N-[3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)



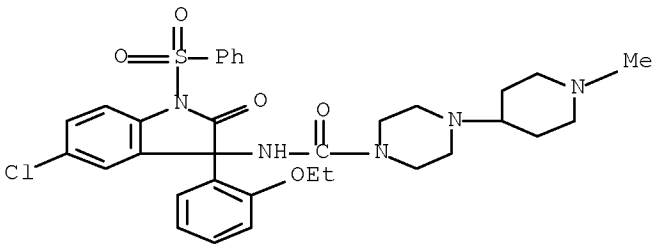
●2 HCl

RN 873954-32-6 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)



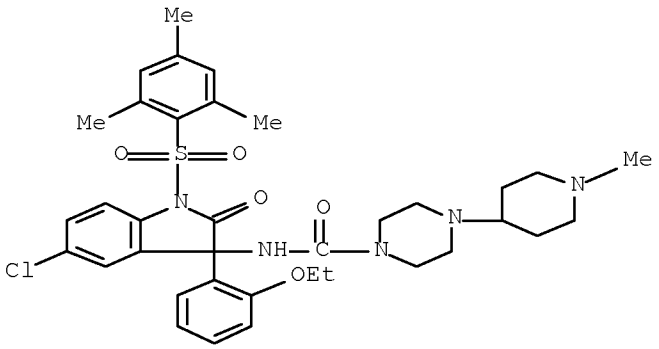
●2 HCl

RN 873954-33-7 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)



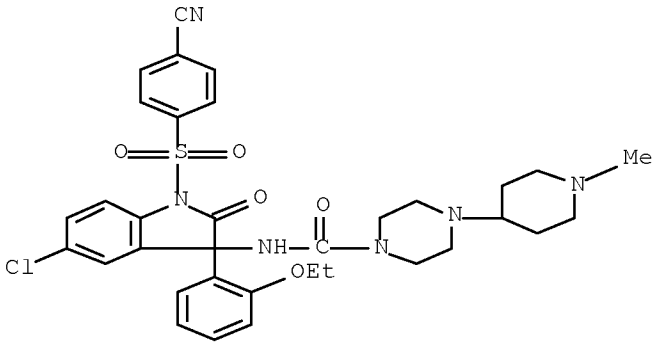
●2 HCl

RN 873954-34-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-[(2,4,6-trimethylphenyl)sulfonyl]-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)

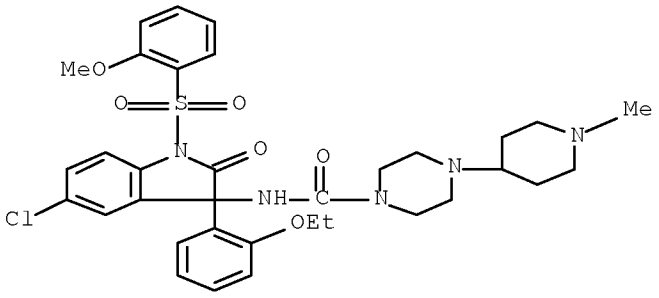


●2 HCl

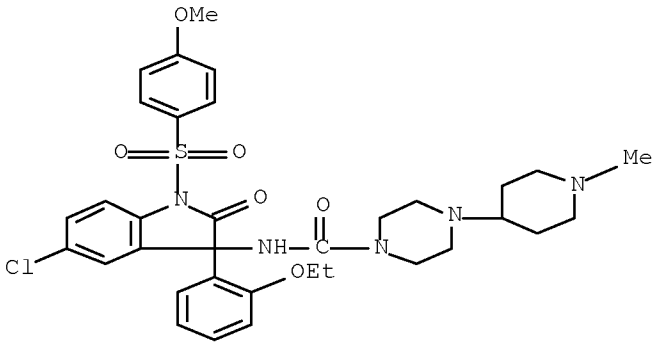
RN 873954-35-9 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(4-cyanophenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



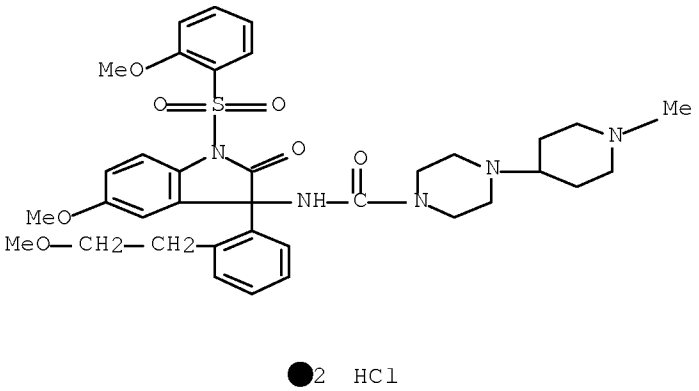
RN 873954-36-0 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



RN 873954-42-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)

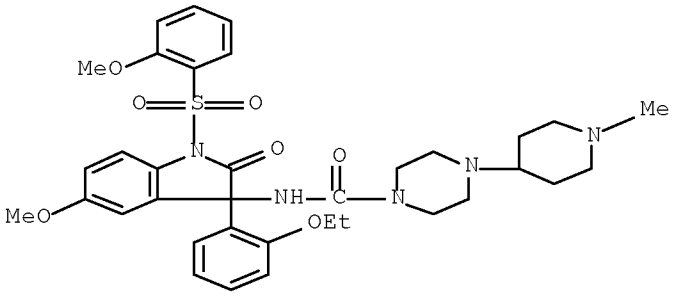


RN 873954-43-9 HCAPLUS
CN 1-Piperazinecarboxamide, N-[2,3-dihydro-5-methoxy-3-[2-(2-methoxyethyl)phenyl]-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)

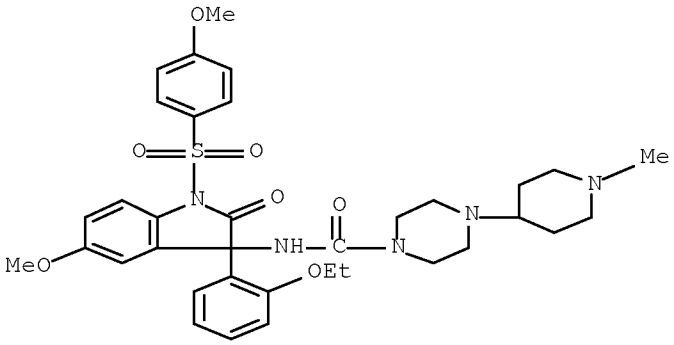


●2 HCl

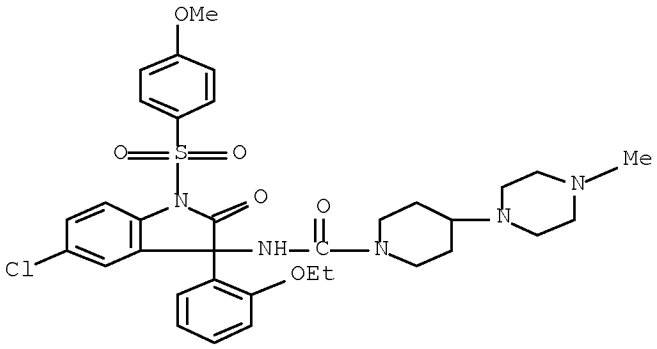
RN 873954-62-2 HCAPLUS
CN 1-Piperazinecarboxamide, N-[3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



RN 873954-63-3 HCAPLUS
CN 1-Piperazinecarboxamide, N-[3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)

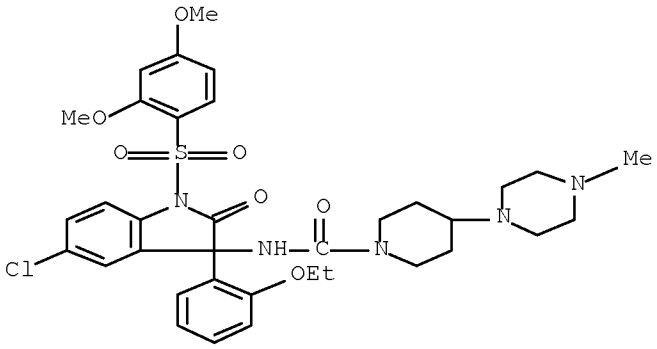


RN 873954-64-4 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-chloro-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)



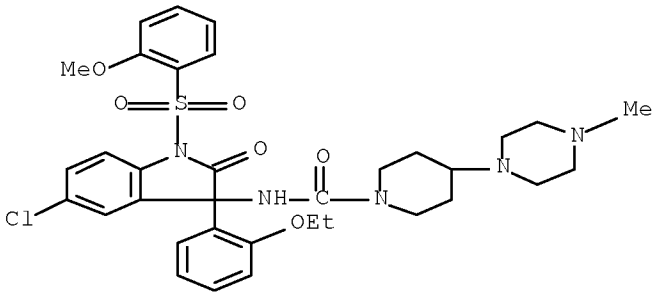
●2 HCl

RN 873954-65-5 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)

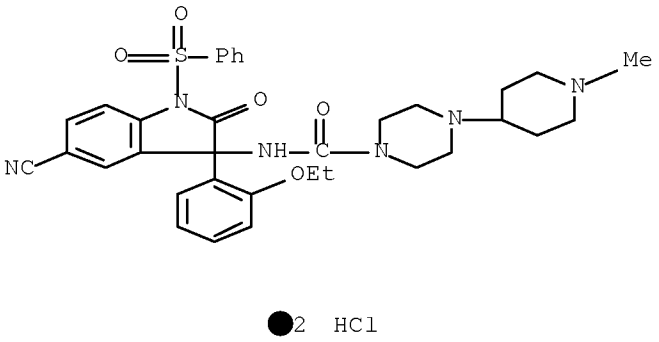


●2 HCl

RN 873954-66-6 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-chloro-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)- (CA INDEX NAME)

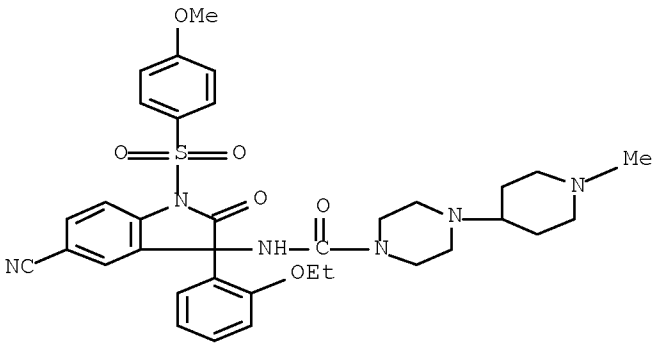


RN 873954-79-1 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)



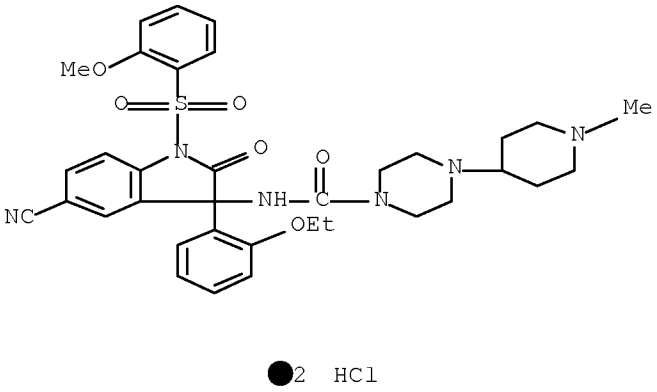
●2 HCl

RN 873954-80-4 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



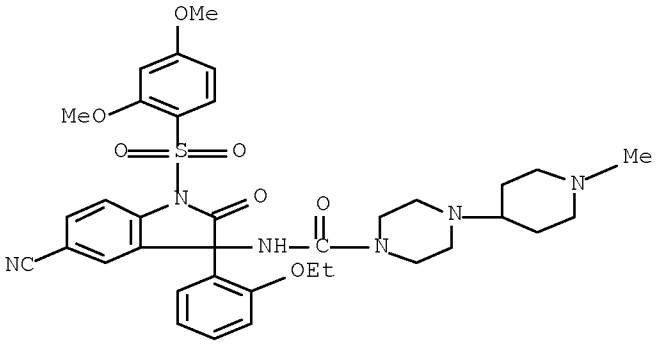
RN 873954-81-5 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-

methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)

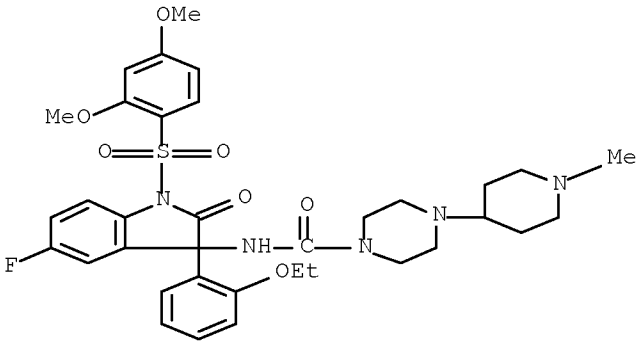


●2 HCl

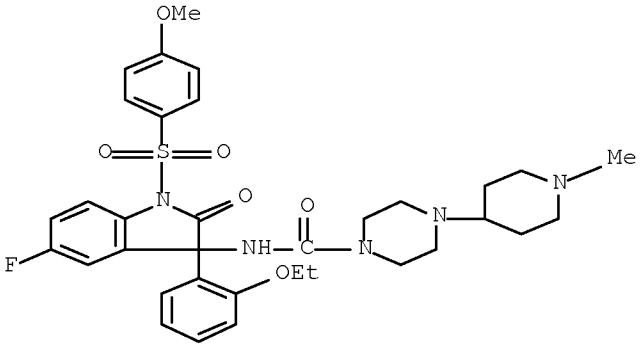
RN 873954-82-6 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



RN 873954-84-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-5-fluoro-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)

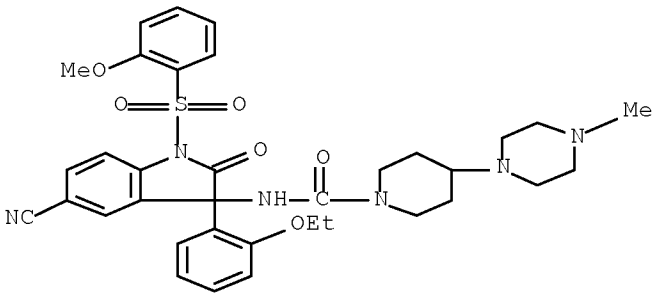


RN 873954-85-9 HCAPLUS
CN 1-Piperazinecarboxamide, N-[3-(2-ethoxyphenyl)-5-fluoro-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)

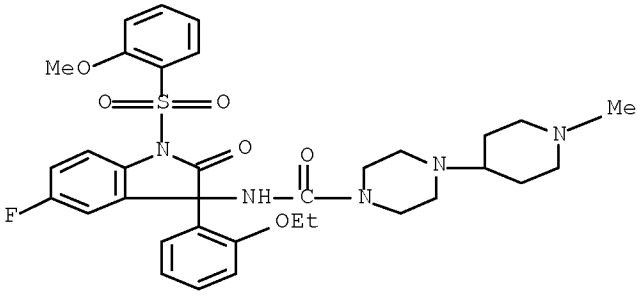


●2 HCl

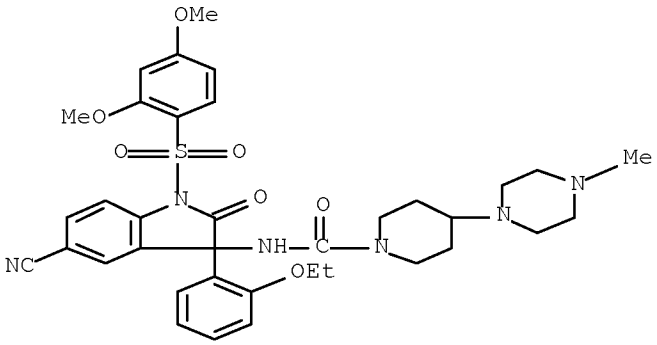
RN 873954-87-1 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)- (CA INDEX NAME)



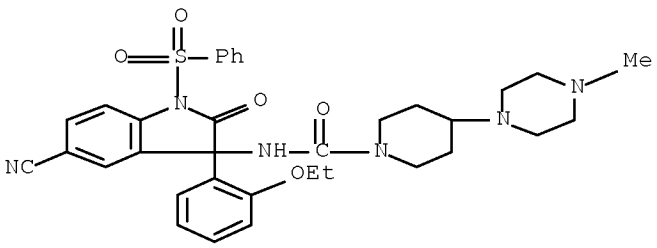
RN 873954-88-2 HCAPLUS
CN 1-Piperazinecarboxamide, N-[3-(2-ethoxyphenyl)-5-fluoro-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



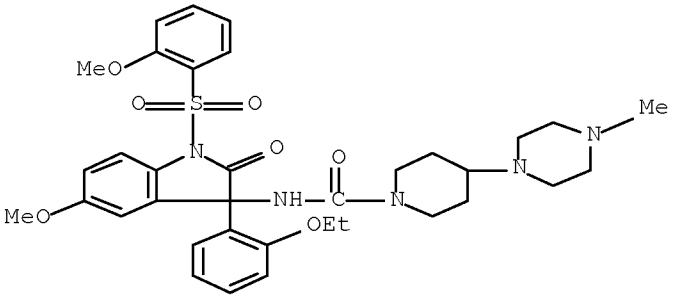
RN 873954-90-6 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)- (CA INDEX NAME)



RN 873954-95-1 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)- (CA INDEX NAME)

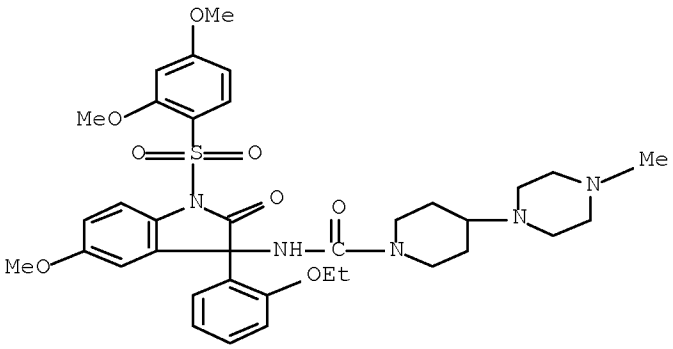


RN 873954-99-5 HCAPLUS
CN 1-Piperidinecarboxamide, N-[3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)



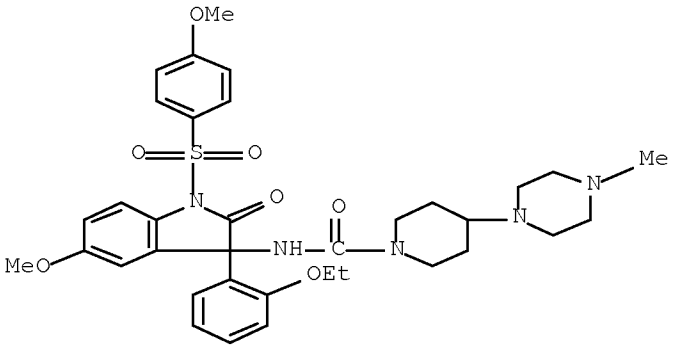
●2 HCl

RN 873955-00-1 HCAPLUS
CN 1-Piperidinecarboxamide, N-[1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)



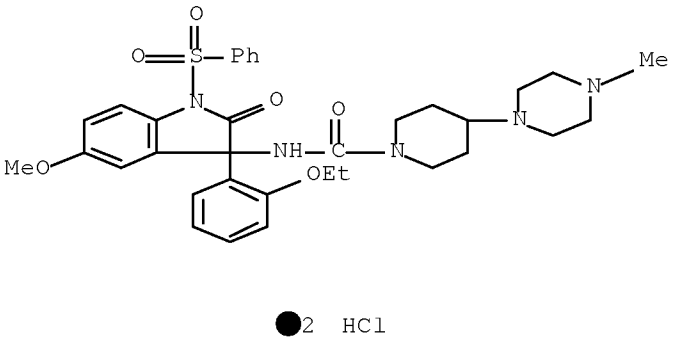
●2 HCl

RN 873955-01-2 HCAPLUS
CN 1-Piperidinecarboxamide, N-[3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)



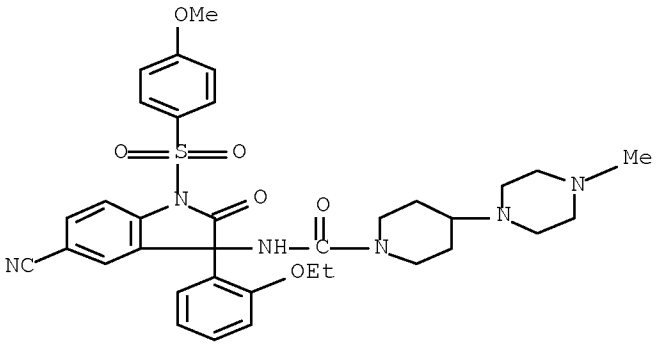
●2 HCl

RN 873955-02-3 HCAPLUS
CN 1-Piperidinecarboxamide, N-[3-(2-ethoxyphenyl)-2,3-dihydro-5-methoxy-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)

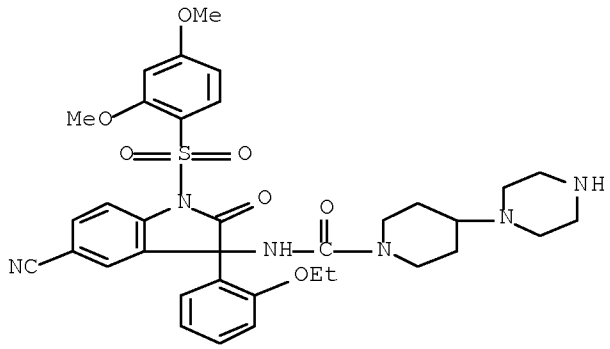


●2 HCl

RN 873955-05-6 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-methyl-1-piperazinyl)- (CA INDEX NAME)

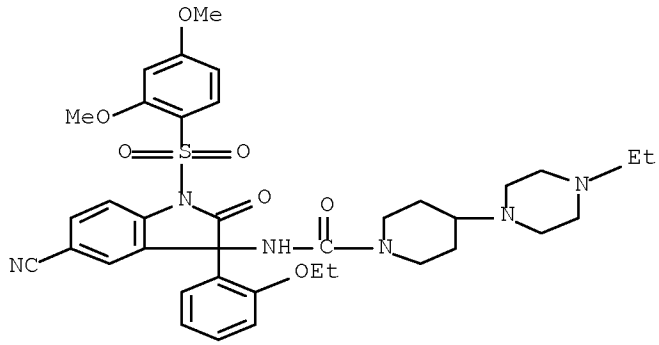


RN 873955-11-4 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(1-piperazinyl)-, hydrochloride (1:2) (CA INDEX NAME)

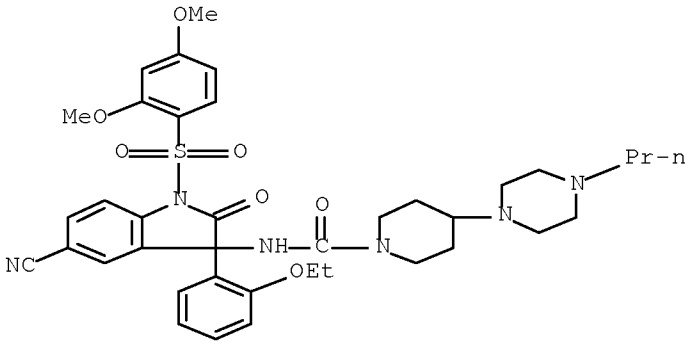


●2 HCl

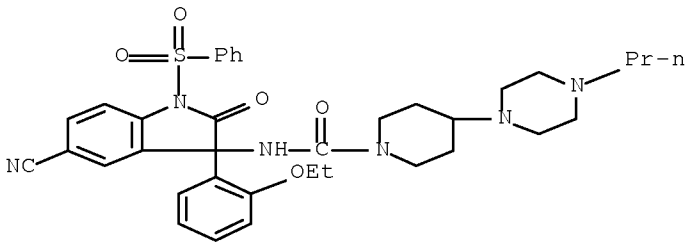
RN 873955-12-5 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-ethyl-1-piperazinyl)- (CA INDEX NAME)



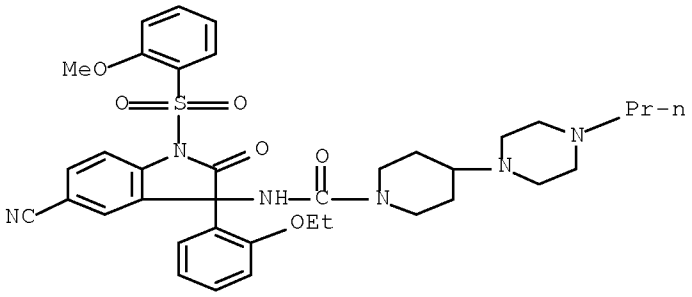
RN 873955-13-6 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



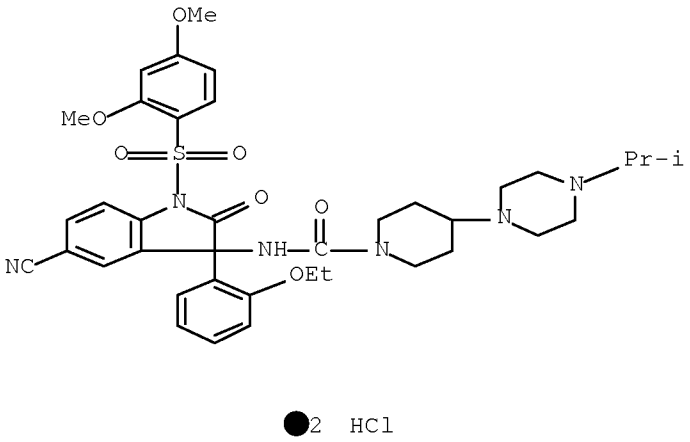
RN 873955-14-7 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



RN 873955-15-8 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)

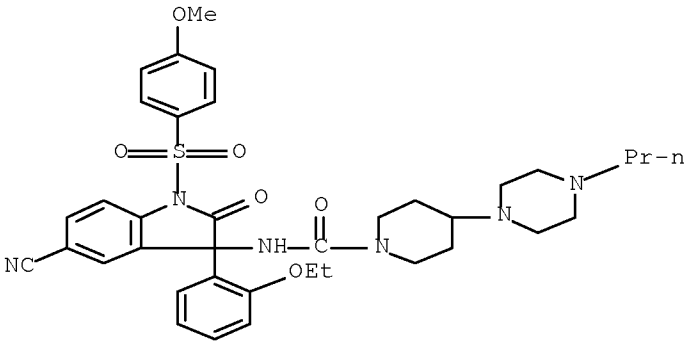


RN 873955-16-9 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-[4-(1-methylethyl)-1-piperazinyl]-, hydrochloride (1:2) (CA INDEX NAME)

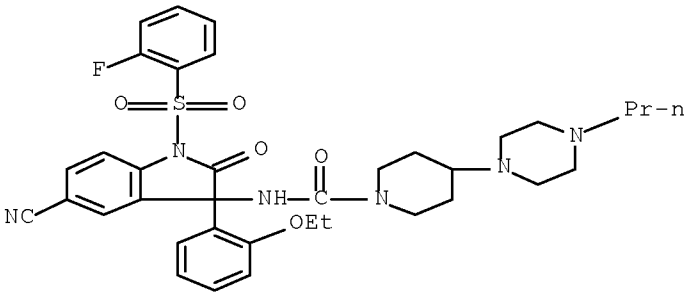


● 2 HCl

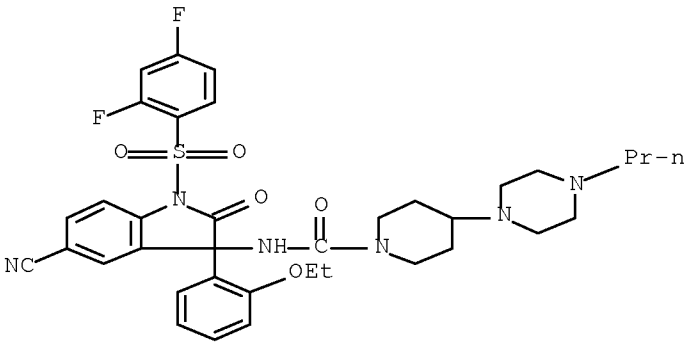
RN 873955-25-0 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



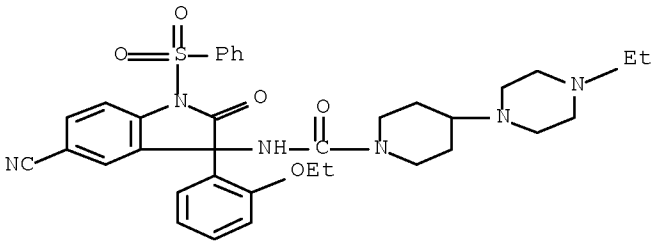
RN 873955-26-1 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(2-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



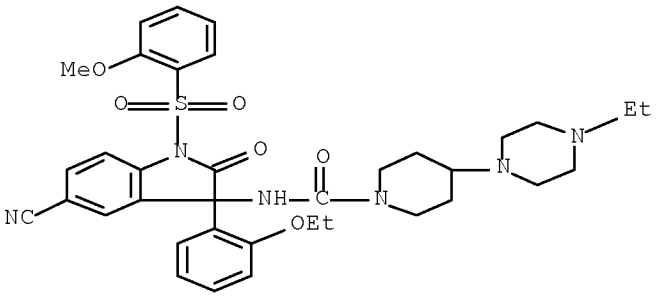
RN 873955-27-2 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(2,4-difluorophenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



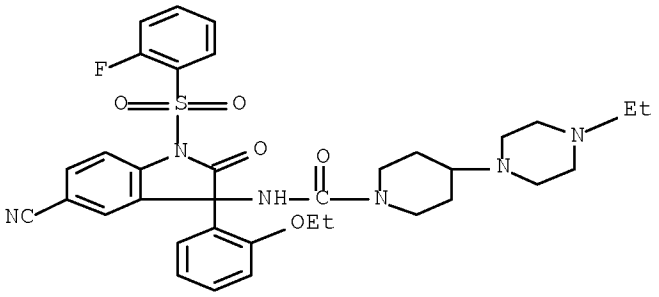
RN 873955-41-0 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1-(phenylsulfonyl)-1H-indol-3-yl]-4-(4-ethyl-1-piperazinyl)- (CA INDEX NAME)



RN 873955-42-1 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-ethyl-1-piperazinyl)- (CA INDEX NAME)



RN 873955-43-2 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(2-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-ethyl-1-piperazinyl)- (CA INDEX NAME)



RN 873955-44-3 HCAPLUS
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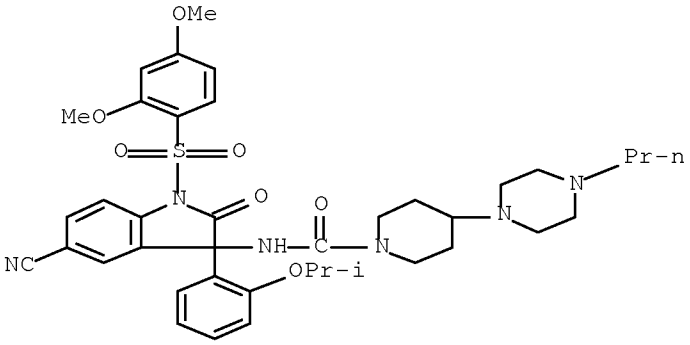

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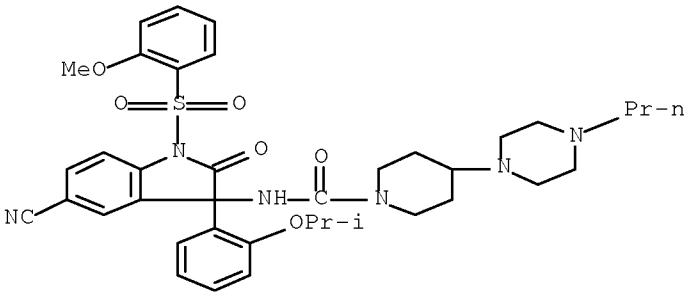

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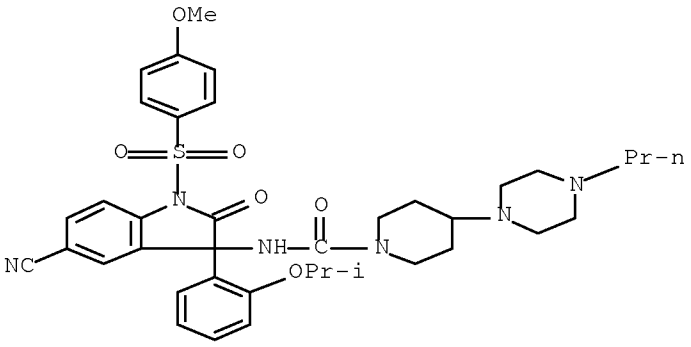
CN 1-Piperidinecarboxamide, N-[5-cyano-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



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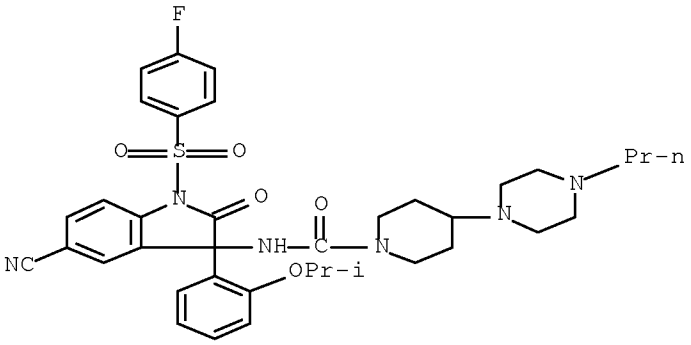
CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(4-fluorophenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



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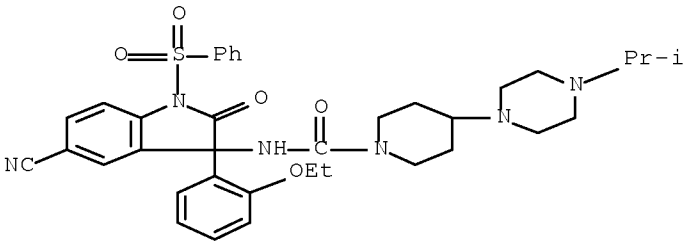

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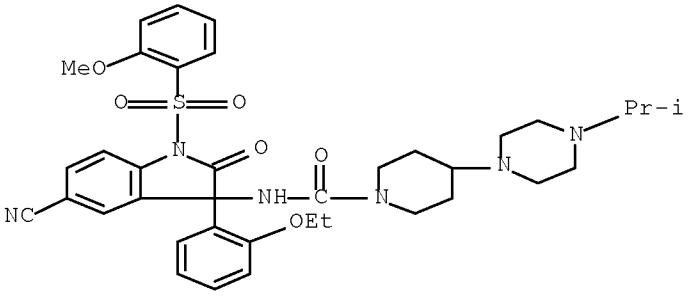
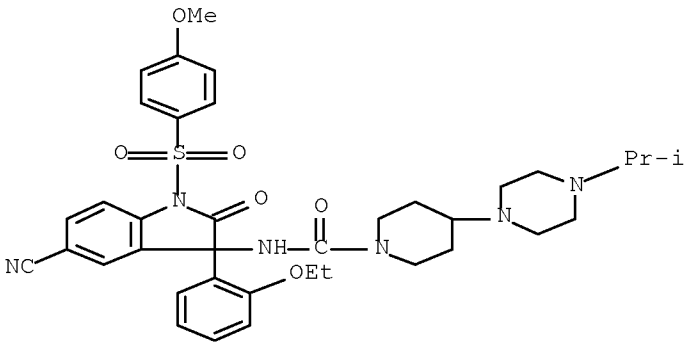
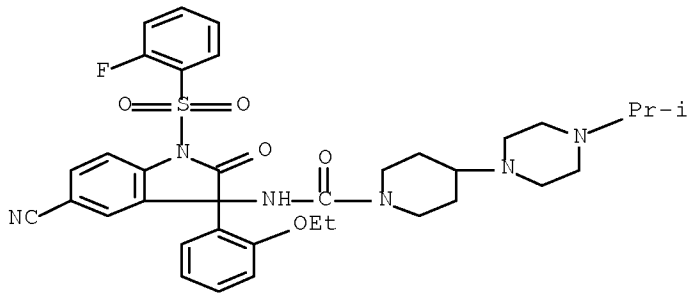


RN 873955-62-5 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-[4-(1-methylethyl)-1-piperazinyl]- (CA INDEX NAME)



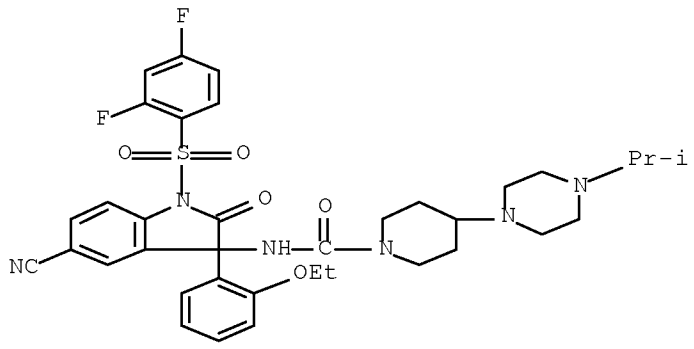
RN 873955-63-6 HCAPLUS

CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(2-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-[4-(1-methylethyl)-1-piperazinyl]- (CA INDEX NAME)



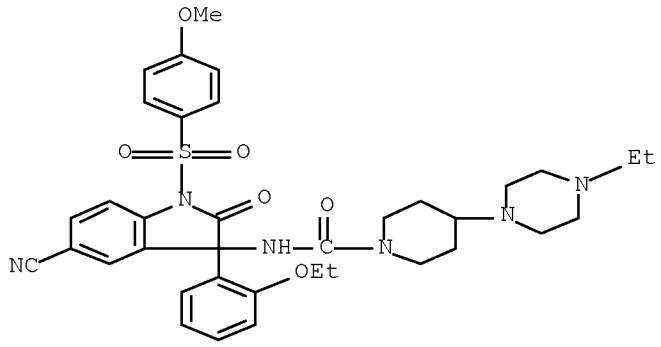
RN 873955-64-7 HCAPLUS

CN 1-Piperidinecarboxamide, N-[5-cyano-1-[(2,4-difluorophenyl)sulfonyl]-3-(2-ethoxyphenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-[4-(1-methylethyl)-1-piperazinyl]- (CA INDEX NAME)



RN 873955-65-8 HCAPLUS

CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-4-(4-ethyl-1-piperazinyl)- (CA INDEX NAME)



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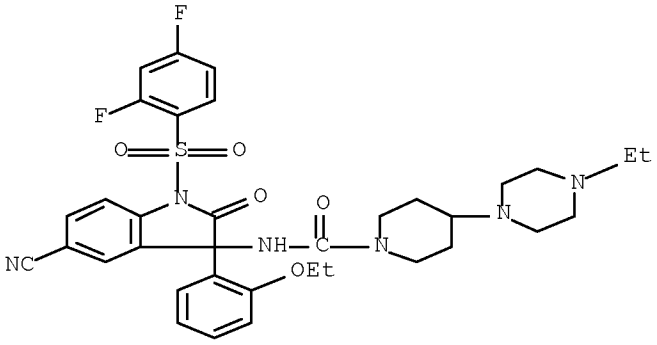
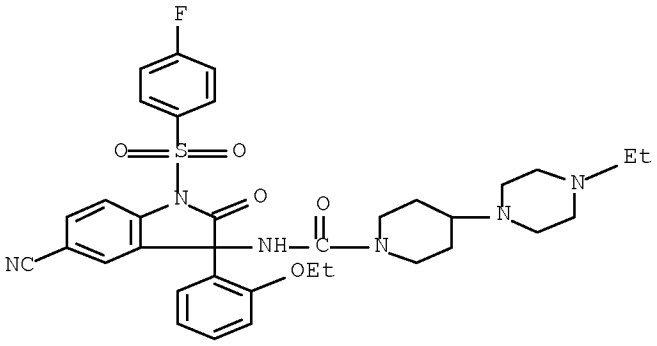
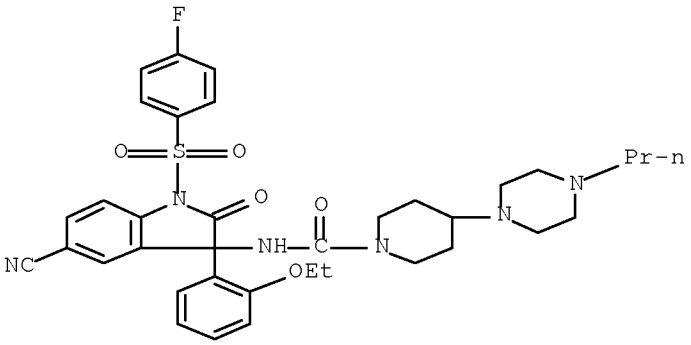


RN 873955-67-0 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(4-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-ethyl-1-piperazinyl)- (CA INDEX NAME)



RN 873955-68-1 HCAPLUS
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(4-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-propyl-1-piperazinyl)- (CA INDEX NAME)



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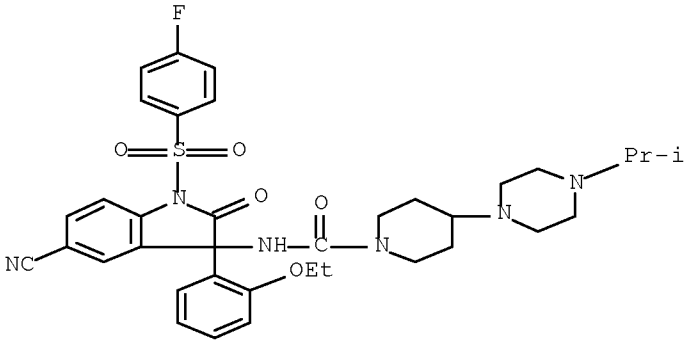
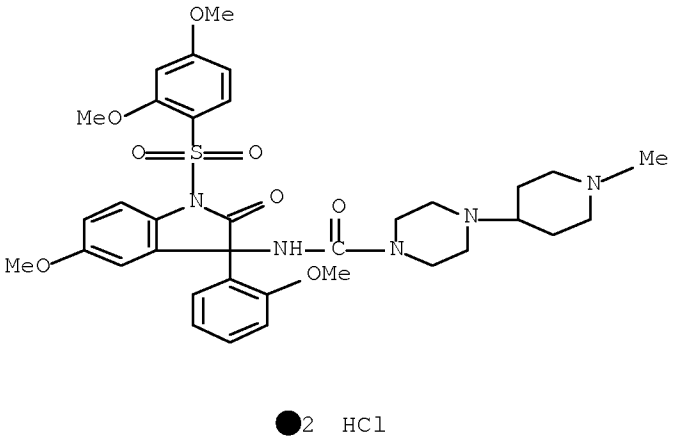
CN 1-Piperidinecarboxamide, N-[5-cyano-3-(2-ethoxyphenyl)-1-[(4-fluorophenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-[4-(1-methylethyl)-1-piperazinyl]- (CA INDEX NAME)



RN 873956-46-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-5-methoxy-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-4-(1-methyl-4-piperidinyl)-, hydrochloride (1:2) (CA INDEX NAME)



●2 HCl

CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 1

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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylsulfonylindolones and related compds. for the treatment of vasopressin or oxytocin dependent diseases)

L26 ANSWER 9 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:76773 HCAPLUS Full-text
DOCUMENT NUMBER: 138:137337
TITLE: Preparation of N-phenylsulfonyl-1,3-dihydro-2H-indol-2-one derivatives containing piperazinylcarbonyl or homopiperazinylcarbonyl as vasopressin receptor inhibitors, their preparation and their therapeutic use
INVENTOR(S): Di Malta, Alain; Garcia, Georges; Roux, Richard; Schoentjes, Bruno; Serradeil-le Gal, Claudine; Tonnerre, Bernard; Wagnon, Jean
PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.
SOURCE: PCT Int. Appl., 112 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003008407	A2	20030130	WO 2002-FR2500	20020715
WO 2003008407	A3	20031016		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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AU 2002340999	B2	20070301		
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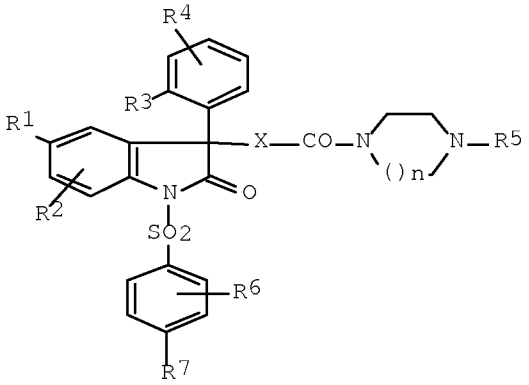
PRIORITY APPLN. INFO.: FR 2001-10359 A 20010717
WO 2002-FR2500 W 20020715

OTHER SOURCE(S): MARPAT 138:137337
ED Entered STN: 31 Jan 2003
GI



I

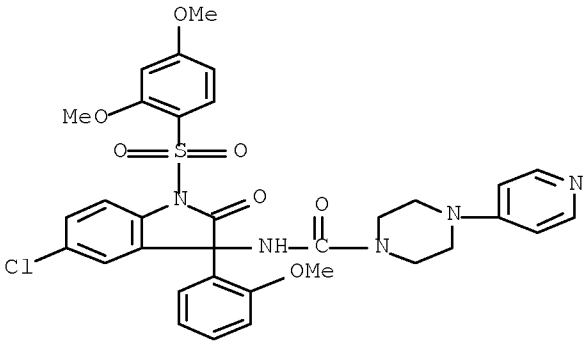
AB The invention concerns N-phenylsulfonyl-1,3-dihydro-2H-indole-2-one derivs. containing piperazinylcarbonyl or homopiperazinylcarbonyl (shown as I; variables defined below; e.g. 5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one), as well as their addition salts with acids or organic salts, their solvates and/or hydrate(s), exhibiting affinity and selectivity for arginine-vasopressin V1b receptors and/or for oxytocin receptors, and further, for certain compds., an affinity for V1a receptors. The invention also concerns the method for preparing them, intermediate compds. (I without phenylsulfonyl) for their preparation, pharmaceutical compns. containing them and their use for preparing medicines. For I: n = 1 or 2; X = -CH2-, -O-, -NH-, -O-CH2-, -NH-CH2-, -NH-CH2-CH2-; R1 = halo, (C1-C4)alkyl, (C1-C4)alkoxy; R2 = H, halo, (C1-C4)alkyl, (C1-C4)alkoxy, trifluoromethyl; R3 = halo, (C1-C3)alkyl, (C1-C3)alkoxy, trifluoromethyl, trifluoromethoxy; R4 = H, halo, (C1-C3)alkyl, (C1-C3)alkoxy; R5 = pyridinyl, pyrimidinyl, pyrazinyl, pyridazinyl, thiazol-2-yl, oxazol-2-yl, imidazol-2-yl; R6 = (C1-C4)alkoxy; R7 = (C1-C4)alkoxy. Compds. I exhibit inhibition concns. (IC50) for V1a and V1b vasopressin receptors and for oxytocin receptors from 10-6 to 10-9 M and for V2 receptors better than 10-6 M. About 40 examples of intermediate prepns. and 92 examples of preparation of I are included.

IT 492431-36-4P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-37-5P, (-)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-38-6P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyridinyl)homopiperazine-1-carboxamide 492431-39-7P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)homopiperazine-1-carboxamide 492431-40-0P, (+)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridinyl)piperazine-1-carboxamide 492431-41-1P, (-)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridinyl)piperazine-1-carboxamide 492431-42-2P, (+)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-43-3P, (-)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-

pyridinyl)piperazine-1-carboxamide 492431-44-4P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyridinyl)piperazine-1-carboxamide 492431-45-5P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-trifluoromethyl-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-48-8P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[[2-oxo-2-[4-(2-pyridinyl)-1-piperazinyl]ethyl]amino]-1,3-dihydro-2H-indol-2-one 492431-49-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[[3-oxo-3-[4-(2-pyridinyl)-1-piperazinyl]propyl]amino]-1,3-dihydro-2H-indol-2-one 492431-50-2P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridazinyl)piperazine-1-carboxamide 492431-51-3P , N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyrimidinyl)piperazine-1-carboxamide 492431-53-5P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridinyl)piperazine-1-carboxamide 492431-55-7P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-60-4P, N-[5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyridinyl)piperazine-1-carboxamide 492431-61-5P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-62-6P, N-[6-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-92-2P, N-[5-Chloro-6-(trifluoromethyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyridin-2-yl)-1-piperazinecarboxamide 492432-03-8P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyridin-2-yl)-1-piperazinecarboxamide 492432-04-9P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-chlorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyridin-4-yl)-1-piperazinecarboxamide 492432-05-0P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-chlorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyrimidin-2-yl)-1-piperazinecarboxamide 492432-06-1P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[[3-oxo-3-[4-(pyridin-4-yl)-1-piperazinyl]propyl]amino]-1,3-dihydro-2H-indol-2-one
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of N-phenylsulfonyldihydroindolone derivs. containing piperazinylcarbonyl or homopiperazinylcarbonyl as vasopressin receptor inhibitors, their preparation and their therapeutic use)

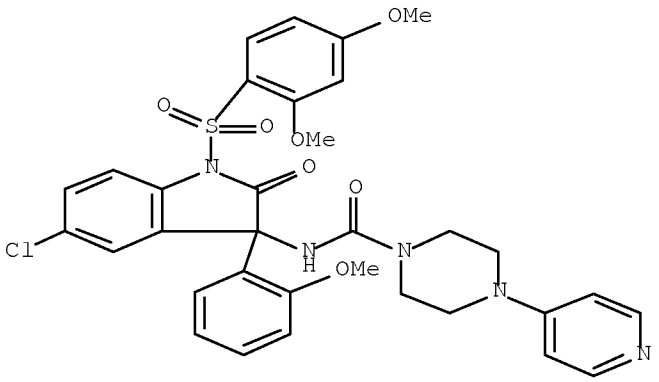
RN 492431-36-4 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)

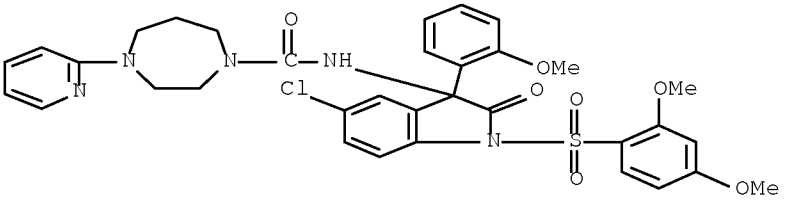


RN 492431-37-5 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).

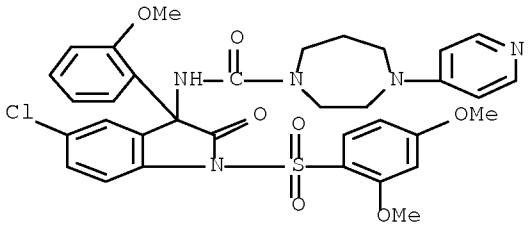


RN 492431-38-6 HCAPLUS
CN 1H-1,4-Diazepine-1-carboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]hexahydro-4-(2-pyridinyl)- (CA INDEX NAME)



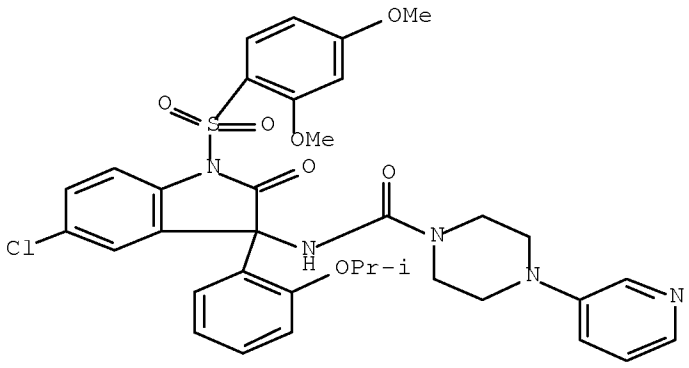
RN 492431-39-7 HCAPLUS
CN 1H-1,4-Diazepine-1-carboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-

yl]hexahydro-4-(4-pyridinyl)- (CA INDEX NAME)



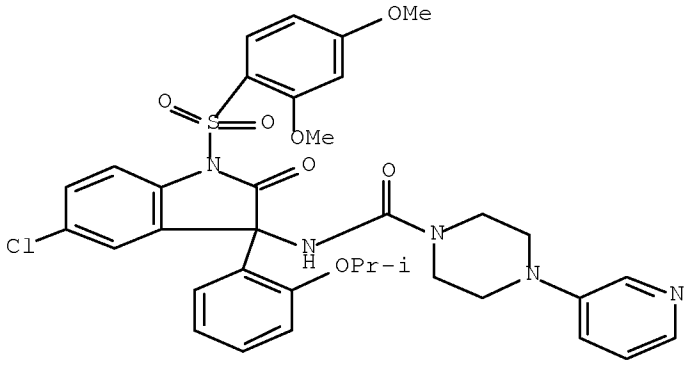
RN 492431-40-0 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(3-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).



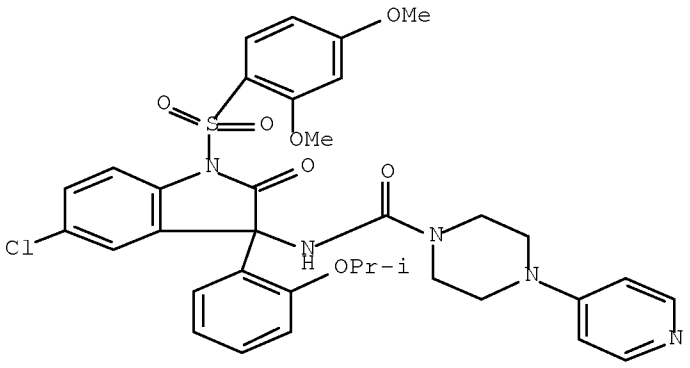
RN 492431-41-1 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(3-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).



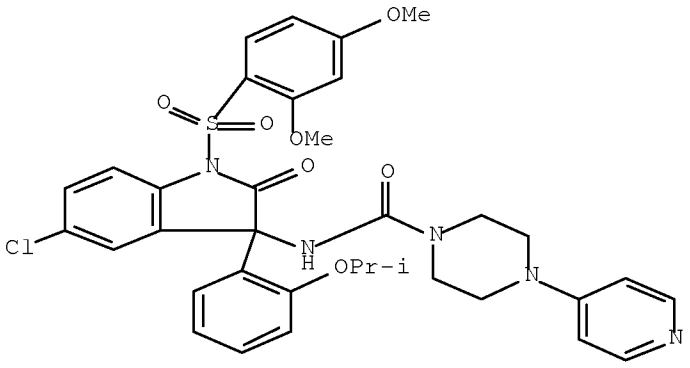
RN 492431-42-2 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

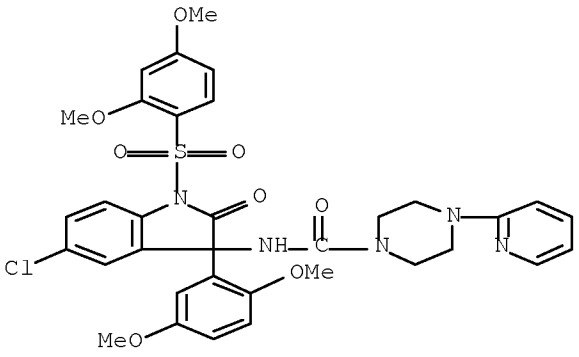


RN 492431-43-3 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)-, (-)- (CA INDEX NAME)

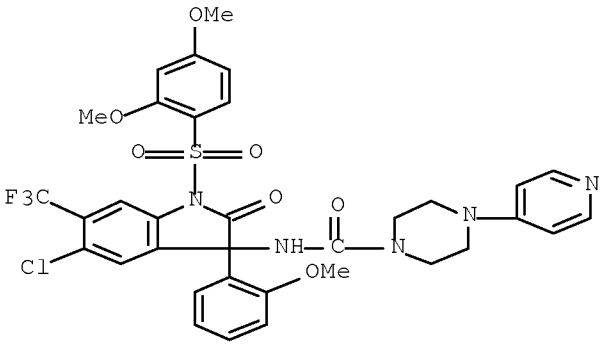
Rotation (-).



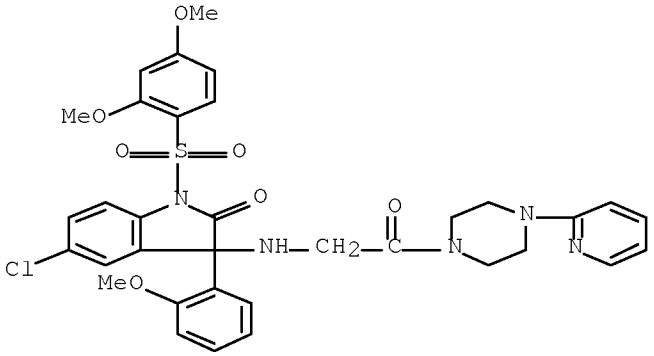
RN 492431-44-4 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2,5-dimethoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(2-pyridinyl)- (CA INDEX NAME)



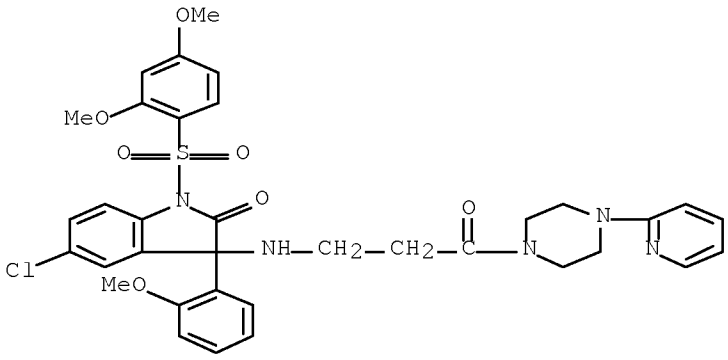
RN 492431-45-5 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-6-(trifluoromethyl)-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



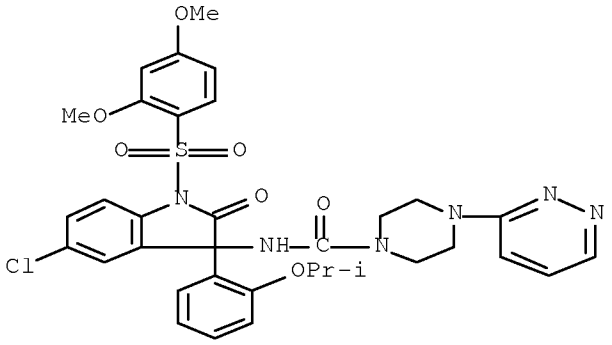
RN 492431-48-8 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)-3-[[2-oxo-2-[4-(2-pyridinyl)-1-piperazinyl]ethyl]amino]- (CA INDEX NAME)



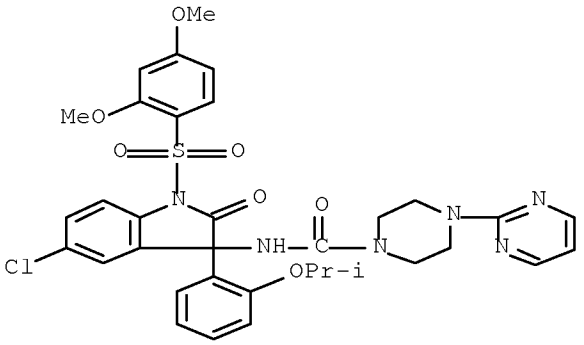
RN 492431-49-9 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)-3-[[3-oxo-3-[4-(2-pyridinyl)-1-piperazinyl]propyl]amino]- (CA INDEX NAME)



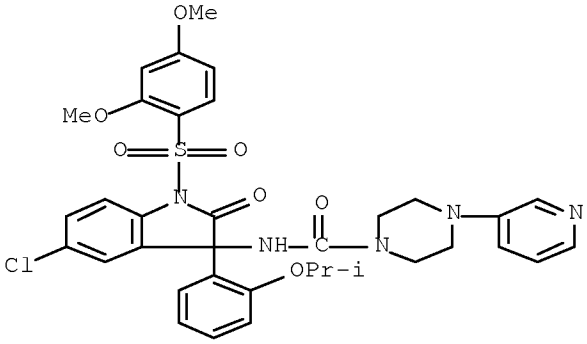
RN 492431-50-2 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(3-pyridazinyl)- (CA INDEX NAME)



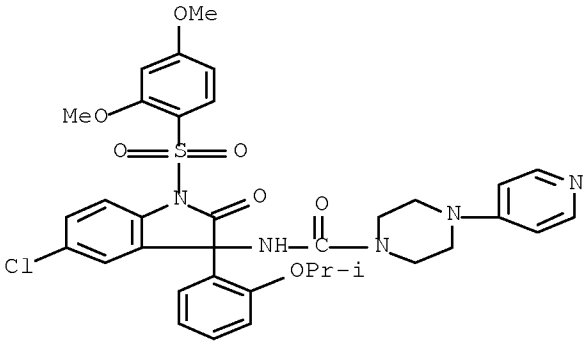
RN 492431-51-3 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(2-pyrimidinyl)- (CA INDEX NAME)



RN 492431-53-5 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(3-pyridinyl)- (CA INDEX NAME)

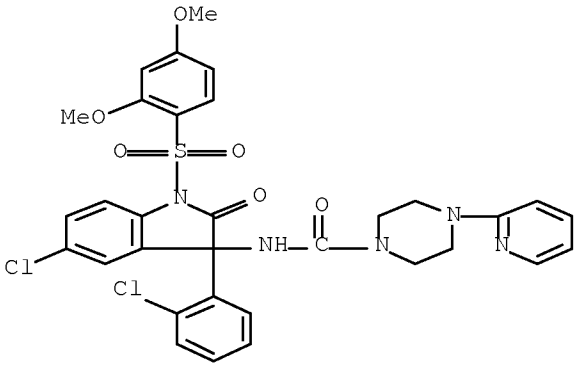


RN 492431-55-7 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



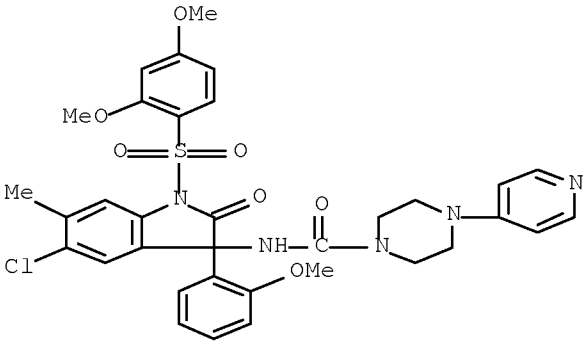
RN 492431-60-4 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(2-pyridinyl)- (CA INDEX NAME)



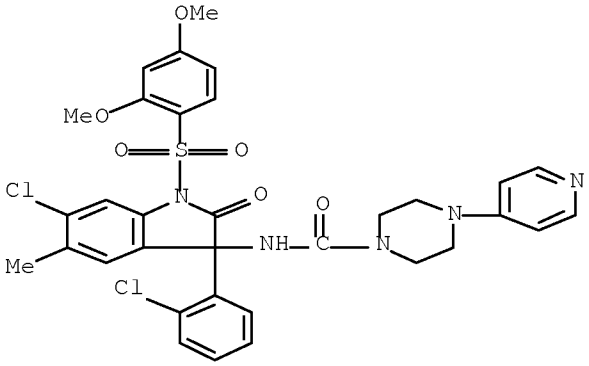
RN 492431-61-5 HCAPLUS

CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-6-methyl-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)

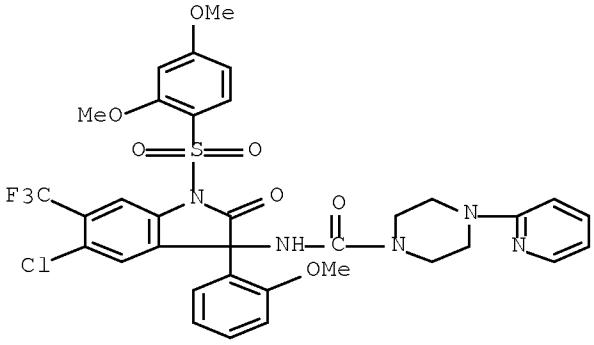


RN 492431-62-6 HCAPLUS

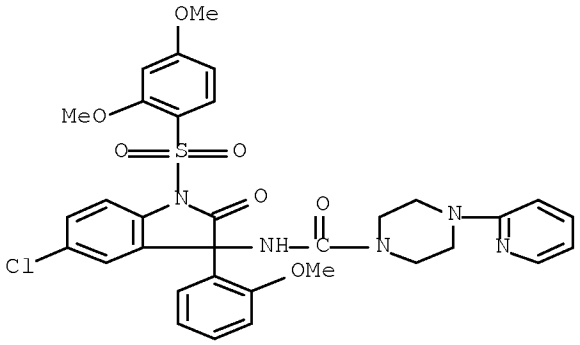
CN 1-Piperazinecarboxamide, N-[6-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-5-methyl-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



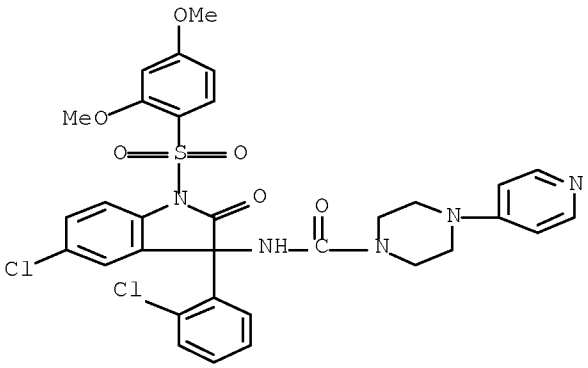
RN 492431-92-2 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-6-(trifluoromethyl)-1H-indol-3-yl]-4-(2-pyridinyl)- (CA INDEX NAME)



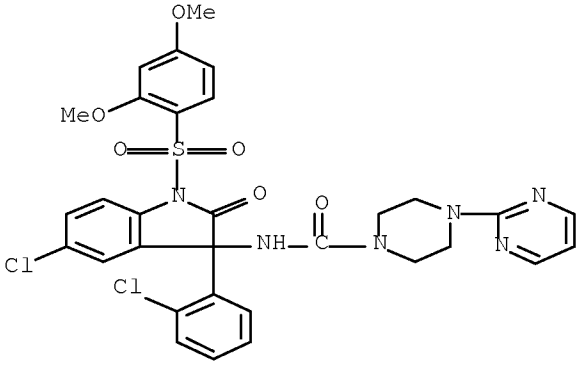
RN 492432-03-8 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-4-(2-pyridinyl)- (CA INDEX NAME)



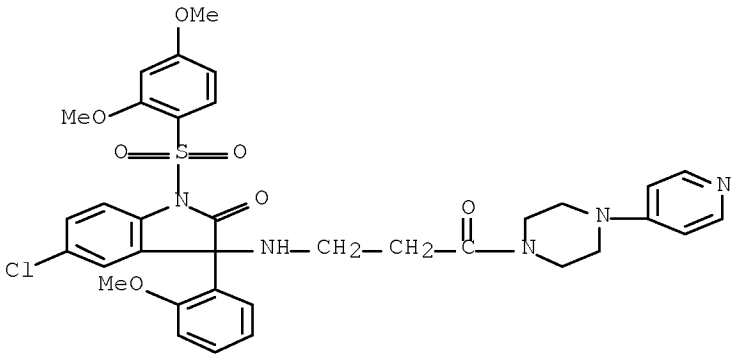
RN 492432-04-9 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(4-pyridinyl)- (CA INDEX NAME)



RN 492432-05-0 HCAPLUS
CN 1-Piperazinecarboxamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-4-(2-pyrimidinyl)- (CA INDEX NAME)

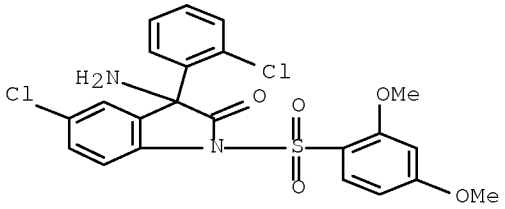


RN 492432-06-1 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)-3-[[3-oxo-3-[4-(4-pyridinyl)-1-piperazinyl]propyl]amino]- (CA INDEX NAME)

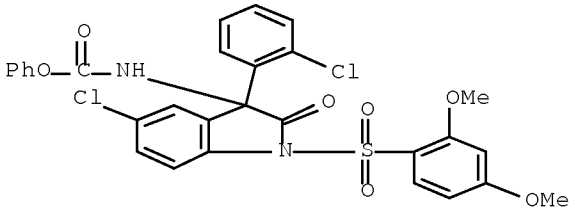


IT 169039-30-9P, 3-Amino-5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-2H-indol-2-one 169039-34-3P, Phenyl [5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-48-5P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-49-6P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-1,3-dihydro-1H-indol-2-one 492430-53-2P, (+)-3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-54-3P 492430-60-1P, Phenyl (S)-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-61-2P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-63-4P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-64-5P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-66-7P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492430-67-8P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-trifluoromethyl-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-73-6P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-trifluoromethyl-1,3-dihydro-2H-indol-2-one 492430-74-7P, Phenyl [6-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-80-5P, 3-Amino-6-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-methyl-1,3-dihydro-2H-indol-2-one 492430-83-8P, 2-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]acetic acid 492430-86-1P, 2-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]acetic acid tert-butyl ester 492430-87-2P, 3-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]propionic acid 492430-89-4P, 3-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]propionic acid tert-butyl ester 492433-07-5P 492433-08-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of N-phenylsulfonyldihydroindolone derivs. containing piperazinylcarbonyl or homopiperazinylcarbonyl as vasopressin receptor inhibitors, their preparation and their therapeutic use)

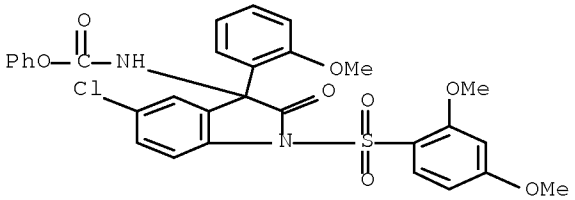
RN 169039-30-9 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro- (CA INDEX NAME)



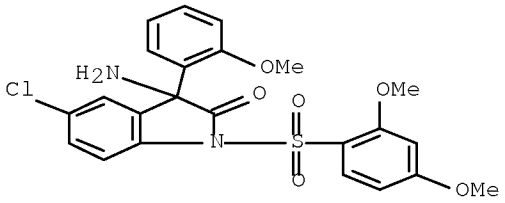
RN 169039-34-3 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



RN 492430-48-5 HCAPLUS
CN Carbamic acid, [5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)

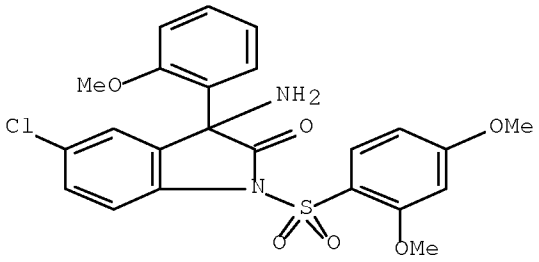


RN 492430-49-6 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)- (CA INDEX NAME)



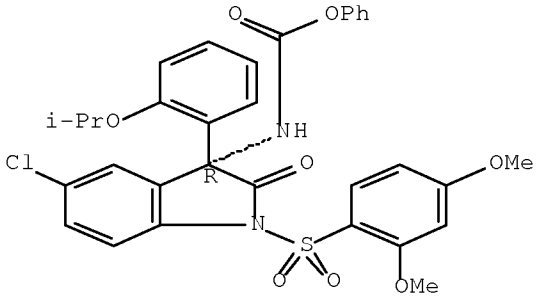
RN 492430-53-2 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)-, (+)- (CA INDEX NAME)

Rotation (+).



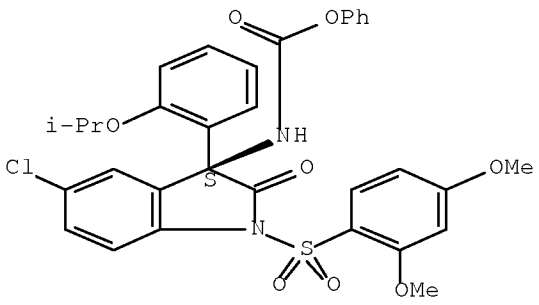
RN 492430-54-3 HCAPLUS
CN Carbamic acid, [(3R)-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

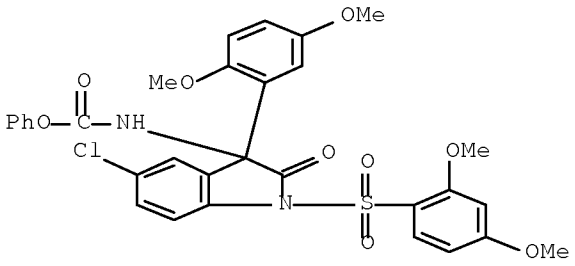


RN 492430-60-1 HCAPLUS
CN Carbamic acid, [(3S)-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-[2-(1-methylethoxy)phenyl]-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)

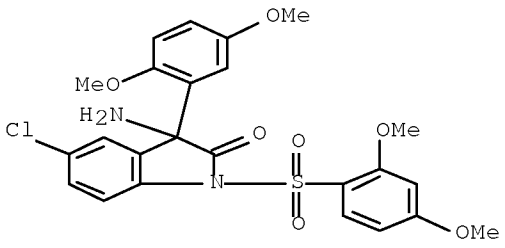
Absolute stereochemistry.



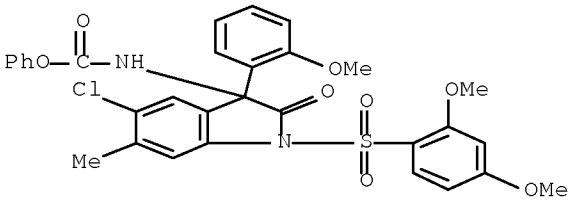
RN 492430-61-2 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2,5-dimethoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



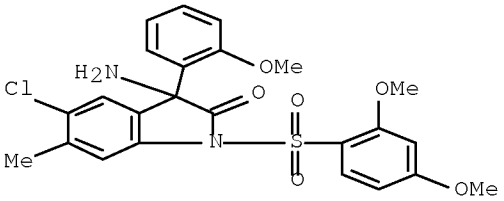
RN 492430-63-4 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-3-(2,5-dimethoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro- (CA INDEX NAME)



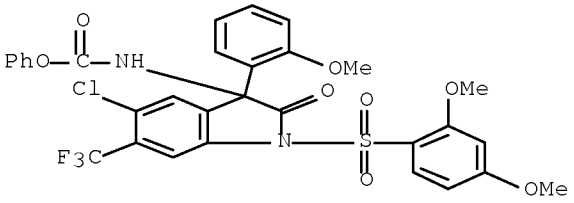
RN 492430-64-5 HCAPLUS
CN Carbamic acid, [5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-6-methyl-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



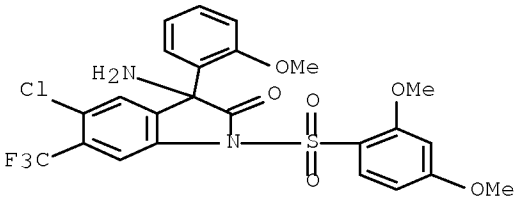
RN 492430-66-7 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)-6-methyl- (CA INDEX NAME)



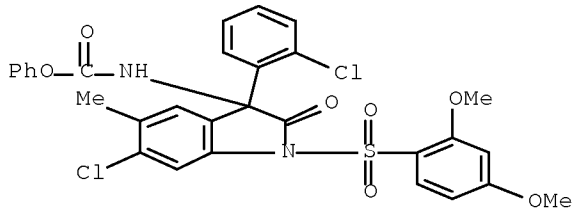
RN 492430-67-8 HCAPLUS
CN Carbamic acid, [5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-6-(trifluoromethyl)-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



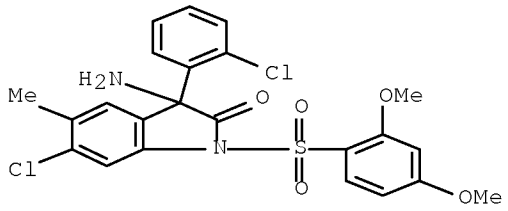
RN 492430-73-6 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)-6-(trifluoromethyl)- (CA INDEX NAME)



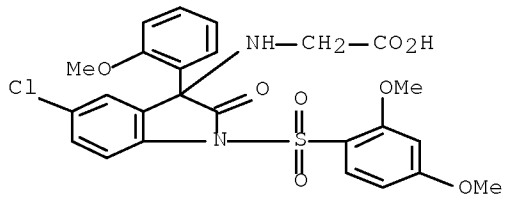
RN 492430-74-7 HCAPLUS
CN Carbamic acid, [6-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-5-methyl-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



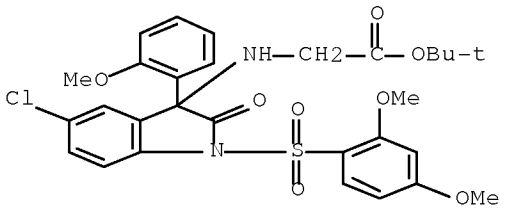
RN 492430-80-5 HCAPLUS
CN 2H-Indol-2-one, 3-amino-6-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-5-methyl- (CA INDEX NAME)



RN 492430-83-8 HCAPLUS
CN Glycine, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)

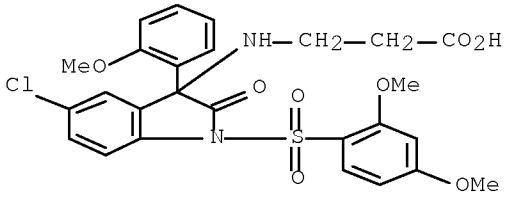


RN 492430-86-1 HCAPLUS
CN Glycine, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



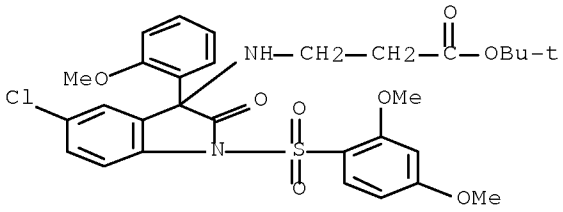
RN 492430-87-2 HCAPLUS

CN β-Alanine, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



RN 492430-89-4 HCAPLUS

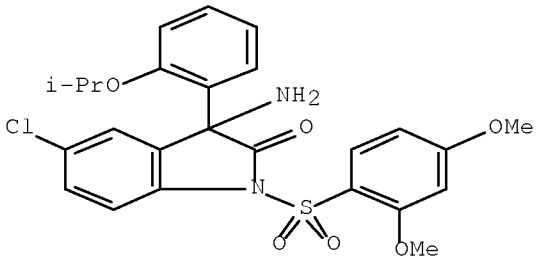
CN β-Alanine, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-(2-methoxyphenyl)-2-oxo-1H-indol-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 492433-07-5 HCAPLUS

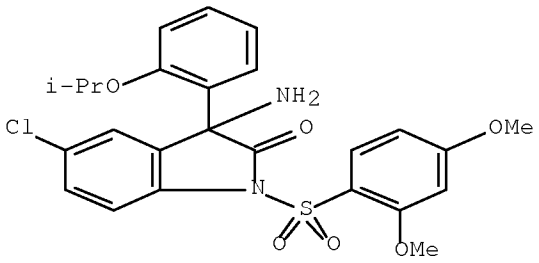
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-[2-(1-methylethoxy)phenyl]-, (+)- (CA INDEX NAME)

Rotation (+).



RN 492433-08-6 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-[2-(1-methylethoxy)phenyl]-, (-)- (CA INDEX NAME)

Rotation (-).



IC ICM C07D401-12
ICS C07D401-14; C07D403-12; A61K031-496; A61P013-00
CC 28-21 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 1, 27
IT 492431-14-8P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-16-0P, 5-Chloro-3-(2-ethoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-18-2P, (-)-5-Chloro-3-(2-isopropoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-20-6P, 3-(2-Chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-methyl-3-[2-oxo-2-[4-(2-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-22-8P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(2-Pyridinyl)-1-piperazinecarboxylate 492431-23-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-25-1P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-pyridinyl)-1-piperazinecarboxylate Fumarate (2:3) 492431-27-3P, (-)-5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-32-0P, (+)-5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-34-2P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(2-Pyridinyl)-1-piperazinecarboxylate

492431-35-3P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-36-4P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-37-5P, (-)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-38-6P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyridinyl)homopiperazine-1-carboxamide 492431-39-7P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)homopiperazine-1-carboxamide 492431-40-0P, (+)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridinyl)piperazine-1-carboxamide 492431-41-1P, (-)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridinyl)piperazine-1-carboxamide 492431-42-2P, (+)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-43-3P, (-)-N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-44-4P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyridinyl)piperazine-1-carboxamide 492431-45-5P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-trifluoromethyl-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-46-6P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethoxy]-1,3-dihydro-2H-indol-2-one 492431-48-8P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[[2-oxo-2-[4-(2-pyridinyl)-1-piperazinyl]ethyl]amino]-1,3-dihydro-2H-indol-2-one 492431-49-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[[3-oxo-3-[4-(2-pyridinyl)-1-piperazinyl]propyl]amino]-1,3-dihydro-2H-indol-2-one 492431-50-2P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridazinyl)piperazine-1-carboxamide 492431-51-3P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyrimidinyl)piperazine-1-carboxamide 492431-52-4P, 5-Chloro-3-(2-isopropoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-53-6P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(3-pyridinyl)piperazine-1-carboxamide 492431-55-8P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-56-8P, 5,6-Dichloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-57-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-58-0P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-59-1P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-6-methoxy-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-60-4P, N-[5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(2-pyridinyl)piperazine-1-carboxamide 492431-61-5P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide

492431-62-6P, N-[6-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]-4-(4-pyridinyl)piperazine-1-carboxamide 492431-63-7P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-fluorophenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-64-8P, 5,6-Dichloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-fluorophenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-65-9P, 5-Chloro-3-(2,3-dimethoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-66-0P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-3-[2-oxo-2-[4-(3-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-67-1P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(3-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-68-2P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-homopiperazine]ethyl]-1,3-dihydro-2H-indol-2-one 492431-69-3P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(1,3-thiazol-2-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-70-6P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(3-Pyridinyl)-1-piperazinecarboxylate 492431-71-7P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-92-2P, N-[5-Chloro-6-(trifluoromethyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyridin-2-yl)-1-piperazinecarboxamide 492431-93-3P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyrazin-2-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-94-4P, 5,6-Dichloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-95-5P, 5-Chloro-6-methyl-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-96-6P, 5-Chloro-6-methyl-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-97-7P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-chlorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl 4-(pyridin-2-yl)-1-piperazinecarboxylate 492431-98-8P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-chlorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl 4-(pyridin-4-yl)-1-piperazinecarboxylate 492431-99-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-fluorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl 4-(pyridin-4-yl)-1-piperazinecarboxylate 492432-00-5P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-(trifluoromethyl)phenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl 4-(pyridin-4-yl)-1-piperazinecarboxylate 492432-01-6P 492432-02-7P, 5-Chloro-6-methoxy-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-chlorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl 4-(pyridin-4-yl)-1-piperazinecarboxylate 492432-03-8P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyridin-2-yl)-1-piperazinecarboxamide 492432-04-9P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-chlorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyridin-4-yl)-1-piperazinecarboxamide 492432-05-0P, N-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-chlorophenyl)-2-oxo-1,3-dihydro-2H-indol-3-yl]-4-(pyrimidin-2-yl)-1-piperazinecarboxamide 492432-06-1P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[[3-oxo-3-[4-(pyridin-4-yl)-1-piperazinyl]propyl]amino]-1,3-dihydro-2H-indol-2-one 492432-07-2P, 5-Chloro-6-methyl-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492432-08-3P, 5-Chloro-1-[(2,4-

dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyrimidin-2-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492432-09-4P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridazin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492432-10-7P, 5-Chloro-6-methyl-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492432-11-8P, (-)-5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one hydrochloride 492432-12-9P, (-)-5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one fumarate 492432-13-0P, (-)-5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one phosphate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of N-phenylsulfonyldihydroindolone derivs. containing piperazinylcarbonyl or homopiperazinylcarbonyl as vasopressin receptor inhibitors, their preparation and their therapeutic use)

IT 389-31-1P 583-19-7P, 1-Bromo-2-ethoxybenzene 701-07-5P, 1-Bromo-2-isopropoxybenzene 1677-48-1P, 5,6-Dichloro-1H-indole-2,3-dione 13726-14-2P, 4-Chloro-3-methoxyaniline 16750-63-3P, 2-Methoxyphenylmagnesium bromide 18437-66-6P, tert-Butyl 4-Chlorophenylcarbamate 34803-68-4P, 1-(2-Pyrazinyl)piperazine 36692-27-0P, 2-Chlorophenylmagnesium bromide 37393-77-4P, 5-Chloro-3-(2-fluorophenyl)-1,3-dihydro-2H-indol-2-one 41842-29-9P, 2-Ethoxyphenylmagnesium bromide 41842-32-4P, 2-Isopropoxyphenylmagnesium bromide 62890-98-6P, 2,5-Dimethoxyphenylmagnesium bromide 66644-69-7P, Ethyl 2-(2-Methoxyphenyl)-2-oxoacetate 67980-77-2P, 1-(3-Pyridinyl)piperazine 107583-35-7P, 5-Chloro-6-methyl-1H-indole-2,3-dione 169039-30-9P, 3-Amino-5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-2H-indol-2-one 169039-34-3P, Phenyl [5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 169040-40-8P, 5-Chloro-3-hydroxy-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 169040-42-0P, 3-Amino-5-chloro-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 169040-43-1P, 3,5-Dichloro-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 194853-82-2P, 1-(4-Pyridinyl)homopiperazine 287114-32-3P, 1-(2-Pyridinyl)homopiperazine 352030-17-2P, tert-Butyl 4-Chloro-3-methylphenylcarbamate 352030-18-3P, 5-Chloro-3-hydroxy-3-(2-methoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 352030-19-4P, 3,5-Dichloro-3-(2-methoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 352277-86-2P, Ethyl 2-(2,3-Dimethoxyphenyl)-2-oxoacetate 352277-89-5P, 5-Chloro-3-hydroxy-3-(2,3-dimethoxyphenyl)-1,3-dihydro-2H-indol-2-one 352277-93-1P, tert-Butyl (4-Chloro-3-trifluoromethylphenyl)carbamate 352277-95-3P, 5-Chloro-3-hydroxy-3-(2-methoxyphenyl)-6-trifluoromethyl-1,3-dihydro-2H-indol-2-one 352277-98-6P, N-(4-Chloro-3-methoxyphenyl)-DL-2-chloromandelamide 352278-00-3P, 5-Chloro-3-(2-chlorophenyl)-6-methoxy-1,3-dihydro-2H-indol-2-one 352278-02-5P, 5-Chloro-3-(2-chlorophenyl)-3-hydroxy-6-methoxy-1,3-dihydro-2H-indol-2-one 352278-08-1P, 5-Chloro-3-(2-ethoxyphenyl)-3-hydroxy-1,3-dihydro-2H-indol-2-one 352278-12-7P, 5-Chloro-3-hydroxy-3-(2-trifluoromethoxyphenyl)-1,3-dihydro-2H-indol-2-one 352278-23-0P, 5,6-Dichloro-3-hydroxy-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 365525-97-9P, 5-Chloro-3-hydroxy-3-(2,5-dimethoxyphenyl)-1,3-dihydro-2H-indol-2-one 365525-99-1P, 3,5-Dichloro-3-(2,5-dimethoxyphenyl)-1,3-dihydro-2H-indol-2-one 383424-86-0P, 3-Bromo-5-chloro-3-(2-fluorophenyl)-1,3-dihydro-2H-indol-2-one 383424-87-1P 383425-05-6P, 3,5-Dichloro-3-(2-methoxyphenyl)-6-trifluoromethyl-1,3-dihydro-2H-indol-2-one 474417-23-7P, tert-Butyl

4-(1,3-Thiazol-2-yl)-1-piperazinecarboxylate 492429-86-4P, 2-[5-Chloro-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492429-87-5P, 5-Chloro-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 492429-88-6P, 2-[5-Chloro-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492429-89-7P, 2-[5-Chloro-3-(2-ethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492429-90-0P, 5-Chloro-3-(2-ethoxyphenyl)-1,3-dihydro-2H-indol-2-one 492429-91-1P, 2-[5-Chloro-3-(2-ethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492429-93-3P, 5-Chloro-3-hydroxy-3-(2-isopropoxyphenyl)-1,3-dihydro-2H-indol-2-one 492429-94-4P, 5-Chloro-3-(2-isopropoxyphenyl)-1,3-dihydro-2H-indol-2-one 492429-95-5P, 2-[5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492429-96-6P, 2-[5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492429-97-7P, (3R)-4,4-Dimethyl-2-oxotetrahydro-3-furanyl 2-[5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetate 492429-98-8P, 2-[3-(2-Chlorophenyl)-5-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492429-99-9P, 3-(2-Chlorophenyl)-5-methyl-1,3-dihydro-2H-indol-2-one 492430-00-9P, 2-[3-(2-Chlorophenyl)-5-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid methyl ester 492430-01-0P, 2-[5,6-Dichloro-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492430-02-1P, 5,6-Dichloro-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-03-2P, 2-[5,6-Dichloro-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492430-04-3P, 2-[5-Chloro-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492430-05-4P, 5-Chloro-3-(2-methoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492430-06-5P, 2-[5-Chloro-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492430-07-6P, 2-[5-Chloro-3-(2-isopropoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492430-08-7P, Ethyl 2-[2-[(tert-butoxycarbonyl)amino]-5-chloro-4-methylphenyl]-2-oxoacetate 492430-09-8P, 5-Chloro-3-hydroxy-3-(2-isopropoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492430-10-1P, 5-Chloro-3-(2-isopropoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492430-11-2P, 2-[5-Chloro-3-(2-isopropoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492430-12-3P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-13-4P, 5-Chloro-3-(2-methoxyphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-14-5P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-15-6P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-16-7P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-17-8P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1H-indole-2,3-dione 492430-18-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-3-(2-isopropoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-19-0P, Phenyl 5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-3-[(phenoxycarbonyl)oxy]-1-indolinecarboxylate 492430-20-3P, 5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-21-4P, 5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-1,3-dihydro-2H-indol-2-one 492430-22-5P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-fluorophenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-23-6P, 5-Chloro-3-(2-fluorophenyl)-3-hydroxy-1,3-dihydro-2H-indol-2-one 492430-24-7P, 5-Chloro-3-(2-fluorophenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-25-8P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-fluorophenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-26-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-fluorophenyl)-3-hydroxy-1,3-dihydro-2H-indol-2-one 492430-27-0P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-

(2-trifluoromethylphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-28-1P, 5-Chloro-3-hydroxy-3-(2-trifluoromethylphenyl)-1,3-dihydro-2H-indol-2-one 492430-29-2P, 5-Chloro-3-(2-trifluoromethylphenyl)-1,3-dihydro-2H-indol-2-one 492430-30-5P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-trifluoromethylphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-31-6P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-3-(2-trifluoromethylphenyl)-1,3-dihydro-2H-indol-2-one 492430-32-7P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-trifluoromethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-33-8P, 5-Chloro-3-(2-trifluoromethoxyphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-34-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-trifluoromethoxyphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-35-0P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-3-(2-trifluoromethoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-36-1P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-37-2P, 5-Chloro-3-(2-methoxyphenyl)-6-methyl-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-38-3P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-39-4P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-3-(2-methoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492430-40-7P, 5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-6-methoxy-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-41-8P, 5-Chloro-3-(2-chlorophenyl)-6-methoxy-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-42-9P, 5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-6-methoxy-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-43-0P, 5-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-6-methoxy-1,3-dihydro-2H-indol-2-one 492430-44-1P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492430-45-2P, 5-Chloro-3-(2,5-dimethoxyphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-46-3P, 5-Chloro-3-(2,5-dimethoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492430-47-4P, 5-Chloro-3-(2,5-dimethoxyphenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-hydroxy-1,3-dihydro-2H-indol-2-one 492430-48-5P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-49-6P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-1,3-dihydro-1H-indol-2-one 492430-50-9P, (3R)-5-Chloro-3-[((1S)-2-hydroxy-1-phenylethyl)amino]-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-52-1P, (+)-3-Amino-5-chloro-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-53-2P, (+)-3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-54-3P 492430-55-4P, 3,5-Dichloro-3-(2-isopropoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-56-5P, (3R)-5-Chloro-3-[((1S)-2-hydroxy-1-phenylethyl)amino]-3-(2-isopropoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-57-6P, (3S)-5-Chloro-3-[((1S)-2-hydroxy-1-phenylethyl)amino]-3-(2-isopropoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-60-1P, Phenyl (S)-[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-61-2P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-62-3P, 3-Amino-5-chloro-3-(2,5-dimethoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-63-4P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2,5-dimethoxyphenyl)-1,3-dihydro-2H-indol-2-one 492430-64-5P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-65-6P, 3-Amino-5-chloro-3-(2-

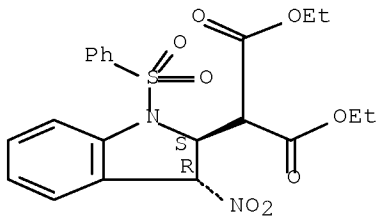
methoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492430-66-7P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492430-67-8P, Phenyl [5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-trifluoromethyl-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-68-9P, (3R)-5-Chloro-3-[((1S)-2-hydroxy-1-phenylethyl)amino]-3-(2-methoxyphenyl)-6-trifluoromethyl-1,3-dihydro-2H-indol-2-one 492430-72-5P, 3-Amino-5-chloro-3-(2-methoxyphenyl)-6-trifluoromethyl-1,3-dihydro-2H-indol-2-one 492430-73-6P, 3-Amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-6-trifluoromethyl-1,3-dihydro-2H-indol-2-one 492430-74-7P, Phenyl [6-Chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]carbamate 492430-76-9P 492430-77-0P, 6-Chloro-3-(2-chlorophenyl)-5-methyl-1,3-dihydroindol-2-one 492430-78-1P, 3-Bromo-6-chloro-3-(2-chlorophenyl)-5-methyl-1,3-dihydro-2H-indol-2-one 492430-79-2P, 3-Amino-6-chloro-3-(2-chlorophenyl)-5-methyl-1,3-dihydro-2H-indol-2-one 492430-80-5P, 3-Amino-6-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-methyl-1,3-dihydro-2H-indol-2-one 492430-81-6P, 2-[[5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]oxy]acetic acid 492430-82-7P, 2-[[5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]oxy]acetic acid methyl ester 492430-83-8P, 2-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]acetic acid 492430-84-9P, 2-[[5-Chloro-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]acetic acid tert-butyl ester 492430-86-1P, 2-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]acetic acid tert-butyl ester 492430-87-2P, 3-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]propionic acid 492430-88-3P, 3-[[5-Chloro-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]propionic acid tert-butyl ester 492430-89-4P, 3-[[5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-methoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]amino]propionic acid tert-butyl ester 492430-91-8P, 2-[5-Chloro-3-(2-fluorophenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492430-92-9P, 2-[5-Chloro-3-(2-fluorophenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492430-93-0P, 2-[5,6-Dichloro-3-(2-fluorophenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492430-94-1P 492430-95-2P, 5,6-Dichloro-3-(2-fluorophenyl)-1,3-dihydro-2H-indol-2-one 492430-97-4P, 2-[5,6-Dichloro-3-(2-fluorophenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492430-98-5P, 2-[5-Chloro-3-(2,3-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492430-99-6P, 5-Chloro-3-(2,3-dimethoxyphenyl)-1,3-dihydro-2H-indol-2-one 492431-00-2P, 2-[5-Chloro-3-(2,3-dimethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492431-01-3P, 2-[5-Chloro-3-(2-ethoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid 492431-02-4P, 5-Chloro-3-(2-ethoxyphenyl)-3-hydroxy-6-methyl-1,3-dihydro-2H-indol-2-one 492431-03-5P, 5-Chloro-3-(2-ethoxyphenyl)-6-methyl-1,3-dihydro-2H-indol-2-one 492431-04-6P, 2-[5-Chloro-3-(2-ethoxyphenyl)-6-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]acetic acid ethyl ester 492431-05-7P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl phenyl carbonate 492431-06-8P, 5-Chloro-3-(2-ethoxyphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492431-07-9P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-3-[(trimethylsilyl)oxy]-1,3-dihydro-2H-indol-2-one 492431-08-0P, 5-Chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(2-ethoxyphenyl)-3-hydroxy-1,3-dihydro-2H-indol-2-one 492431-10-4P, 1-(3-Pyridazinyl)piperazine Trihydrochloride 492431-11-5P, tert-Butyl 4-(6-Chloro-3-pyridazinyl)-1-piperazinecarboxylate 492431-12-6P, tert-Butyl 4-(3-Pyridazinyl)-1-piperazinecarboxylate 492431-13-7P,

1-(1,3-Thiazol-2-yl)piperazine Dihydrochloride 492431-15-9P, 5-Chloro-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-17-1P, 5-Chloro-3-(2-ethoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-19-3P, (+)-5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-21-7P, 3-(2-Chlorophenyl)-5-methyl-3-[2-oxo-2-[4-(2-pyridinyl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-28-4P, Phenyl 5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-3-[[[4-(4-pyridinyl)-1-piperazinyl]carbonyl]oxy]-1-indolinecarboxylate 492431-29-5P, (3R)-5-Chloro-1-[[[(1S)-1-(hydroxymethyl)-3-methylbutyl]amino]carbonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-30-8P, (3S)-5-Chloro-1-[[[(1S)-1-(hydroxymethyl)-3-methylbutyl]amino]carbonyl]-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-31-9P, (-)-5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-33-1P, (+)-5-Chloro-3-(2-isopropoxyphenyl)-2-oxo-2,3-dihydro-1H-indol-3-yl 4-(4-Pyridinyl)-1-piperazinecarboxylate 492431-47-7P, 5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(4-pyridinyl)-1-piperazinyl]ethoxy]-1,3-dihydro-2H-indol-2-one 492431-72-8P, 5-Chloro-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyrazin-2-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-73-9P, 5,6-Dichloro-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-74-0P, 5,6-Dichloro-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-75-1P, 5-Chloro-6-methyl-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-76-2P, 5-Chloro-6-methyl-3-(2-methoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-77-3P, 5-Chloro-6-methyl-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-78-4P, 5-Chloro-3-(2-fluorophenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-80-8P, 5,6-Dichloro-3-(2-fluorophenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-81-9P, 5-Chloro-3-(2,3-dimethoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-82-0P, 5-Chloro-3-(2-ethoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-83-1P, 5-Chloro-6-methyl-3-(2-ethoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-84-2P, 5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-85-3P, 5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-homopiperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-86-4P, 5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyrimidin-2-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-87-5P, 5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridazin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-88-6P, 5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(thiazol-2-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-89-7P, 5-Chloro-6-methyl-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-3-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-90-0P, (+)-5-Chloro-3-(2-fluorophenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492431-91-1P, 5-Chloro-3-(2-isopropoxyphenyl)-3-[2-oxo-2-[4-(pyridin-4-yl)-1-piperazinyl]ethyl]-1,3-dihydro-2H-indol-2-one 492433-05-3P

492433-06-4P 492433-07-5P 492433-08-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of N-phenylsulfonyldihydroindolone derivs. containing piperazinylcarbonyl or homopiperazinylcarbonyl as vasopressin receptor inhibitors, their preparation and their therapeutic use)

L26 ANSWER 10 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1999:447537 HCAPLUS Full-text
DOCUMENT NUMBER: 131:214155
TITLE: Synthesis and reactions of N-protected 3-nitroindoles
AUTHOR(S): Pelkey, Erin T.; Gribble, Gordon W.
CORPORATE SOURCE: Dep. Chemistry, Dartmouth College, Hanover, NH, 03755, USA
SOURCE: Synthesis (1999), (7), 1117-1122
CODEN: SYNTBF; ISSN: 0039-7881
PUBLISHER: Georg Thieme Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 131:214155
ED Entered STN: 21 Jul 1999
AB Treatment of N-protected indoles with AcNO3 generated in situ at low temps. affords the corresponding 3-nitroindoles in good to excellent yields. Deprotection of 1-acetyl-3-nitroindole with DBU gives 3-nitroindole. Reaction of 5-chloro-3-nitro-1-(phenylsulfonyl)indole with CNCH2CO2Et and base affords the rearranged 5-chloro-1,8-dihydro-8- (phenylsulfonyl)pyrrolo[2,3-b]indole-2-carboxylate. In contrast, treatment of 3-nitro-1-indolecarboxylates with CNCH2CO2Et and base affords the expected pyrrolo[3,4-b]indoles, products of a normal Barton-Zard pyrrole synthesis.
IT 243454-89-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and reactions of N-protected nitroindoles)
RN 243454-89-9 HCAPLUS
CN Propanedioic acid, 2-[(2R,3S)-2,3-dihydro-3-nitro-1-(phenylsulfonyl)-1H-indol-2-yl]-, 1,3-diethyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
IT 4770-03-0P, 3-Nitroindole 36728-89-9P 73282-17-4P 90915-23-4P 198135-69-2P 198135-70-5P 198135-76-1P 243454-84-4P 243454-86-6P 243454-87-7P 243454-88-8P 243454-89-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and reactions of N-protected nitroindoles)
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L26 ANSWER 11 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1995:858609 HCAPLUS Full-text
DOCUMENT NUMBER: 123:256516
ORIGINAL REFERENCE NO.: 123:45875a,45878a
TITLE: Indol-2-one derivatives substituted in the 3-position by a nitrogenous group, their preparation, and pharmaceutical compositions containing them as vasopressin and/or oxytocin receptor ligands.
INVENTOR(S): Wagnon, Jean; Tonnerre, Bernard; Di Malta, Alain; Roux, Richard; Amiel, Marie-Sophie; Serradeil-Legal, Claudine
PATENT ASSIGNEE(S): Sanofi, Fr.
SOURCE: Fr. Demande, 70 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2714378	A1	19950630	FR 1993-15638	19931224
FR 2714378	B1	19960315		
WO 9518105	A1	19950706	WO 1994-FR1528	19941223
W: JP, LT, SI, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 687251	A1	19951220	EP 1995-905164	19941223
EP 687251	B1	20020227		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08507092	T	19960730	JP 1994-517812	19941223
JP 3263081	B2	20020304	JP 1995-517812	19941223
AT 213727	T	20020315	AT 1995-905164	19941223
PT 687251	T	20020830	PT 1995-905164	19941223
ES 2173172	T3	20021016	ES 1995-905164	19941223
US 5594023	A	19970114	US 1995-500924	19950731
US 5773612	A	19980630	US 1996-640080	19960430

PRIORITY APPLN. INFO.: FR 1993-15638 A 19931224
WO 1994-FR1528 W 19941223
US 1995-500924 A3 19950731
OTHER SOURCE(S): CASREACT 123:256516; MARPAT 123:256516
ED Entered STN: 17 Oct 1995
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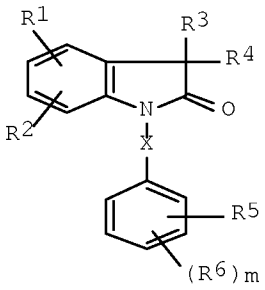

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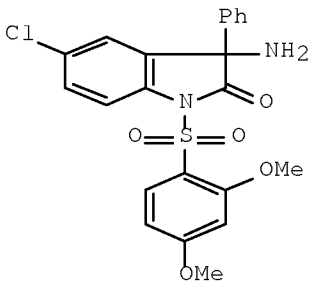


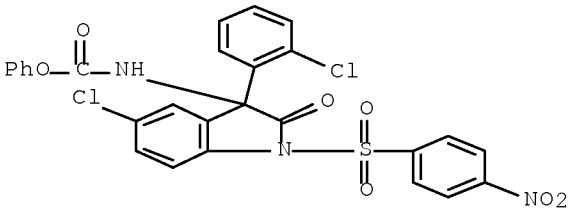
II

AB Title compds. I [R1, R2 = H, halo, alkyl, alkoxy, CF3; R3 = alkyl, cycloalkyl, (di)alkylcyclohexyl, (un)substituted Ph; R4 = N3, alkylsulfonamido, (un)substituted phenylsulfonamido, dimethylaminosulfonamido, (un)substituted NH2, heterocyclyl; R5 = H, R6; R6 = halo, alkyl, CF3, cyano, (di)(alkyl)aminomethyl, NO2, (un)substituted amino, carboxy, carbamoyl, acyl, etc.; X = SO2, CH2; m = 1, and sometimes 2-4] and salts are claimed, and approx. 100 examples are given. The compds. have affinity for vasopressin and/or oxytocin receptors, and are useful for treating disorders of the central and peripheral nervous, cardiovascular, renal, and gastric systems, as well as sexual disorders. For example, bromination of 5-chloro-1,3-dihydro-3-phenylindol-2-one with Br2 in CCl4 gave the 3-bromo derivative, which reaced with anhydrous NH3 in Et2O to give the 3-amino derivative Treatment of this with NaH in DMF and then with 2,4-(MeO)2C6H3SO2Cl yielded title compound II. In a test for inhibition of binding of [3H]-arginine-vasopressin to bovine renal V2 receptors, I had IC50 down to 10-9 M.

IT 169040-63-5P 169040-64-6P 169040-65-7P
169040-66-8P 169040-67-9P 169040-68-0P
169040-69-1P 169040-70-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of indolone derivs. as vasopressin and/or oxytocin receptor ligands)

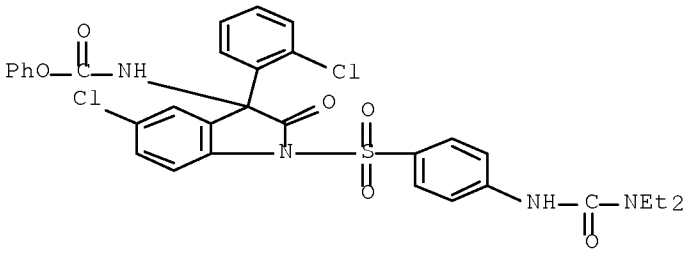
RN 169040-63-5 HCAPLUS

CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-2,3-dihydro-1-[(4-nitrophenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



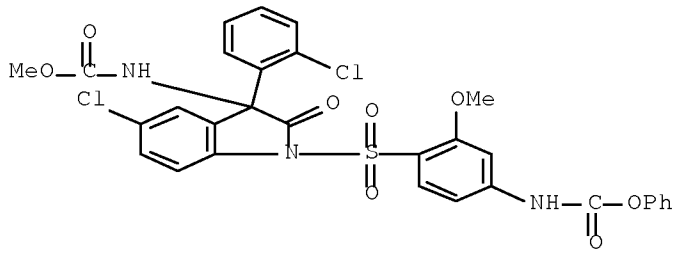
RN 169040-64-6 HCAPLUS

CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)

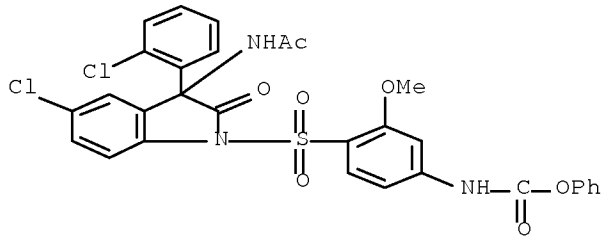


RN 169040-65-7 HCAPLUS

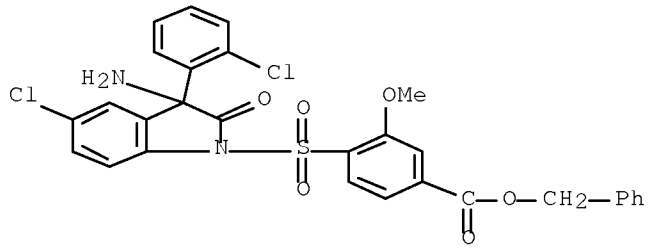
CN Carbamic acid, [4-[[5-chloro-3-(2-chlorophenyl)-2,3-dihydro-3-[(methoxycarbonyl)amino]-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxyphenyl]-, phenyl ester (9CI) (CA INDEX NAME)



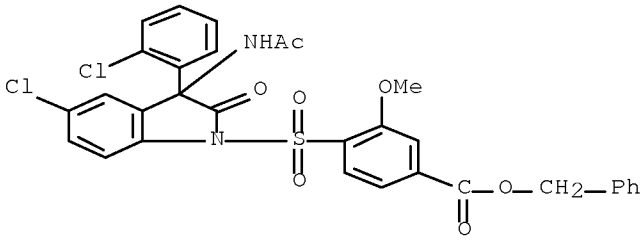
RN 169040-66-8 HCAPLUS
CN Carbamic acid, [4-[[3-(acetylamino)-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxyphenyl]-, phenyl ester (9CI) (CA INDEX NAME)



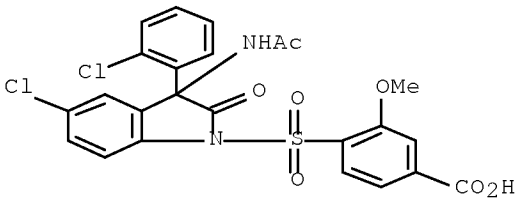
RN 169040-67-9 HCAPLUS
CN Benzoic acid, 4-[[3-amino-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxy-, phenylmethyl ester (CA INDEX NAME)



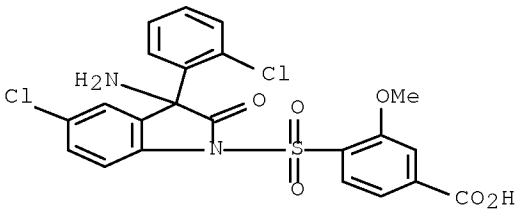
RN 169040-68-0 HCAPLUS
CN Benzoic acid, 4-[[3-(acetylamino)-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxy-, phenylmethyl ester (CA INDEX NAME)



RN 169040-69-1 HCAPLUS
CN Benzoic acid, 4-[[3-(acetylamino)-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxy- (CA INDEX NAME)



RN 169040-70-4 HCAPLUS
CN Benzoic acid, 4-[[3-amino-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxy- (CA INDEX NAME)



IT 169039-28-5P 169039-29-6P 169039-30-9P
169039-31-0P 169039-32-1P 169039-33-2P
169039-34-3P 169039-35-4P 169039-36-5P
169039-37-6P 169039-38-7P 169039-39-8P
169039-40-1P 169039-41-2P 169039-42-3P
169039-43-4P 169039-44-5P 169039-45-6P
169039-46-7P 169039-47-8P 169039-48-9P
169039-49-0P 169039-50-3P 169039-51-4P
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169039-64-9P 169039-65-0P 169039-66-1P
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169039-70-7P 169039-71-8P 169039-72-9P
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169039-76-3P 169039-77-4P 169039-78-5P
169039-79-6P 169039-80-9P 169039-81-0P
169039-82-1P 169039-83-2P 169039-84-3P
169039-85-4P 169039-86-5P 169039-87-6P
169039-88-7P 169039-89-8P 169039-91-2P
169039-92-3P 169039-93-4P 169039-94-5P
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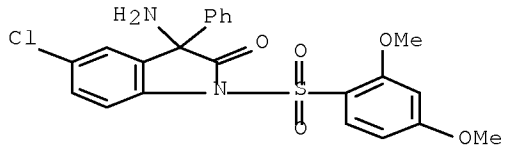
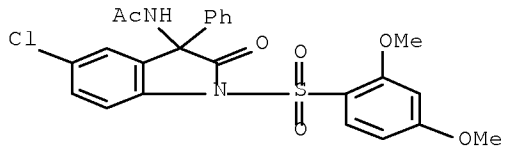
169039-98-9P 169039-99-0P 169040-00-0P
169040-01-1P 169040-02-2P 169040-03-3P
169040-04-4P 169040-05-5P 169040-07-7P
169040-08-8P 169040-09-9P 169040-10-2P
169040-11-3P 169040-20-4P 169040-21-5P
169040-22-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of indolone derivs. as vasopressin and/or oxytocin receptor ligands)

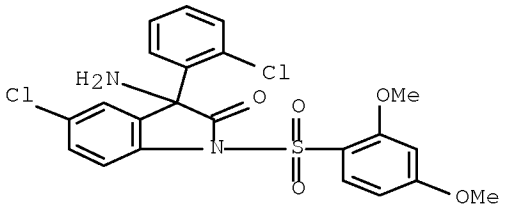
RN 169039-28-5 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



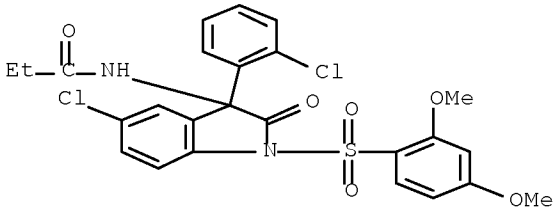
RN 169039-29-6 HCAPLUS
CN Acetamide, N-[5-chloro-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl]- (CA INDEX NAME)



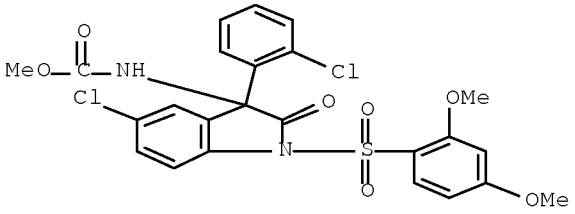
RN 169039-30-9 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro- (CA INDEX NAME)



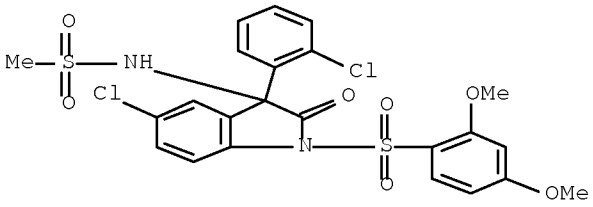
RN 169039-31-0 HCAPLUS
CN Propanamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



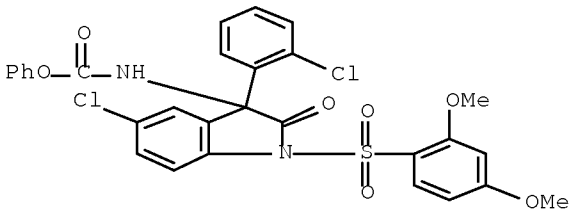
RN 169039-32-1 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



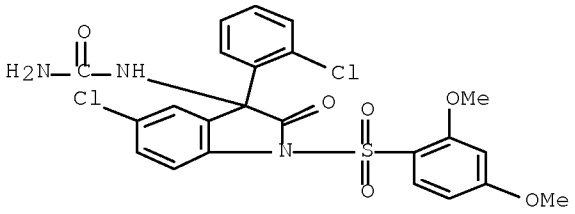
RN 169039-33-2 HCAPLUS
CN Methanesulfonamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



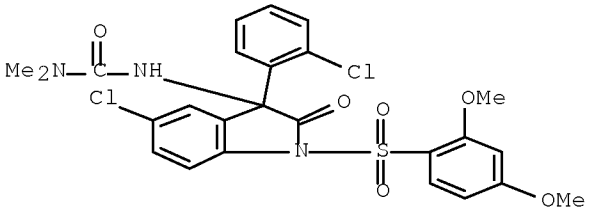
RN 169039-34-3 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



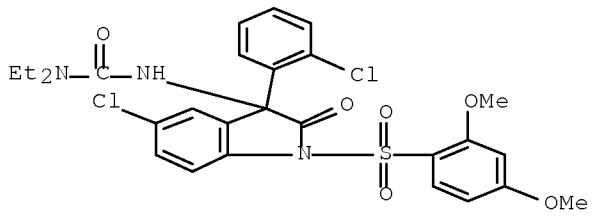
RN 169039-35-4 HCAPLUS
CN 2H-Indol-2-one, 3-[(aminocarbonyl)amino]-5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro- (9CI) (CA INDEX NAME)



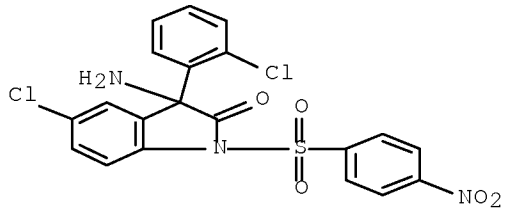
RN 169039-36-5 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-[[(dimethylamino)carbonyl]amino]-1,3-dihydro- (9CI) (CA INDEX NAME)



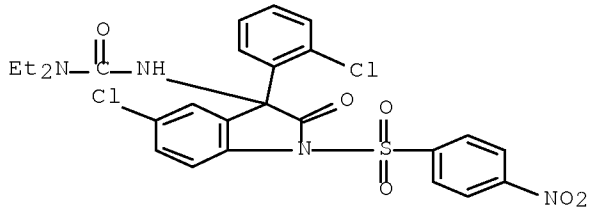
RN 169039-37-6 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-[[(diethylamino)carbonyl]amino]-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro- (9CI) (CA INDEX NAME)



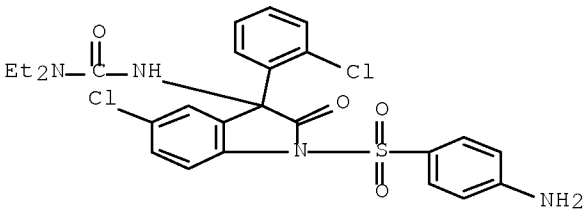
RN 169039-38-7 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-3-(2-chlorophenyl)-1,3-dihydro-1-[(4-nitrophenyl)sulfonyl]- (CA INDEX NAME)



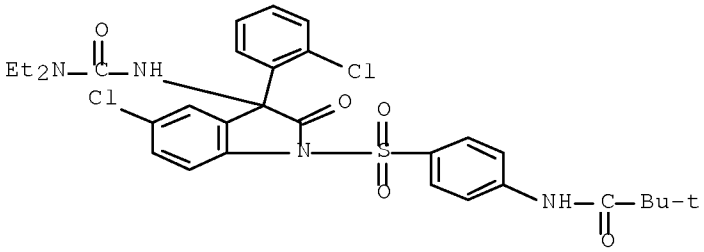
RN 169039-39-8 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-[[(diethylamino)carbonyl]amino]-1,3-dihydro-1-[(4-nitrophenyl)sulfonyl]- (9CI) (CA INDEX NAME)



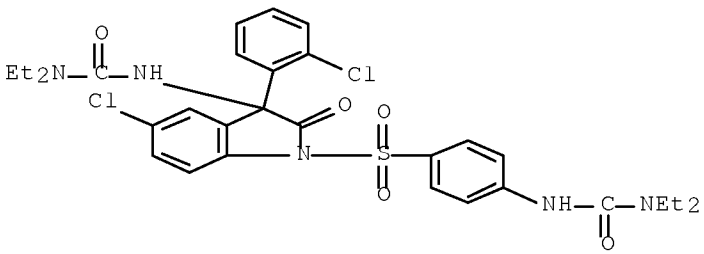
RN 169039-40-1 HCAPLUS
CN 2H-Indol-2-one, 1-[(4-aminophenyl)sulfonyl]-5-chloro-3-(2-chlorophenyl)-3-[[(diethylamino)carbonyl]amino]-1,3-dihydro- (9CI) (CA INDEX NAME)



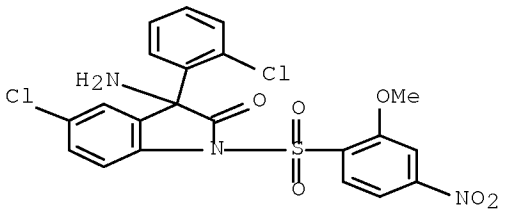
RN 169039-41-2 HCAPLUS
CN Propanamide, N-[4-[[5-chloro-3-(2-chlorophenyl)-3-[[(diethylamino)carbonyl]amino]-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]phenyl]-2,2-dimethyl- (CA INDEX NAME)



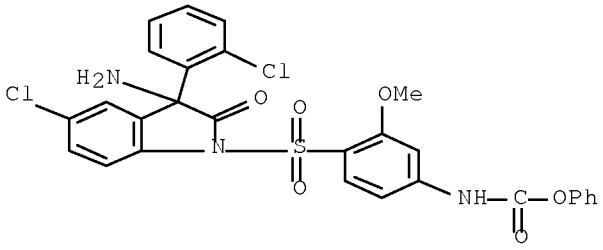
RN 169039-42-3 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-[[(diethylamino)carbonyl]amino]-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro- (9CI) (CA INDEX NAME)



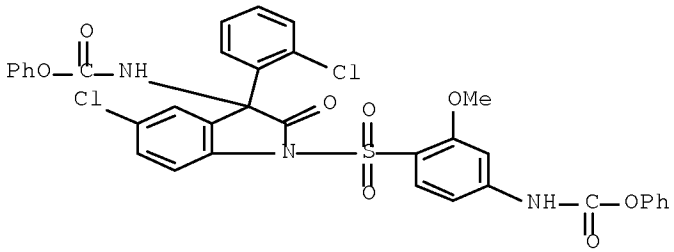
RN 169039-43-4 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-3-(2-chlorophenyl)-1,3-dihydro-1-[(2-methoxy-4-nitrophenyl)sulfonyl]- (CA INDEX NAME)



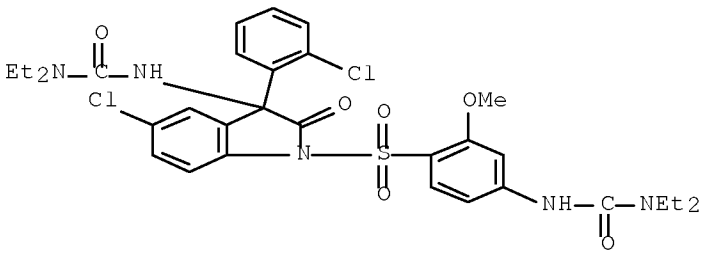
RN 169039-44-5 HCAPLUS
CN Carbamic acid, [4-[[3-amino-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxyphenyl]-, phenyl ester (9CI) (CA INDEX NAME)



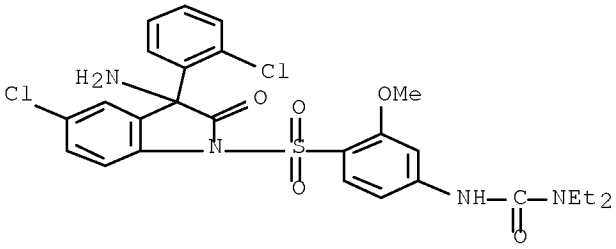
RN 169039-45-6 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-2,3-dihydro-1-[[2-methoxy-4-[(phenoxycarbonyl)amino]phenyl]sulfonyl]-2-oxo-1H-indol-3-yl]-, phenyl ester (9CI) (CA INDEX NAME)



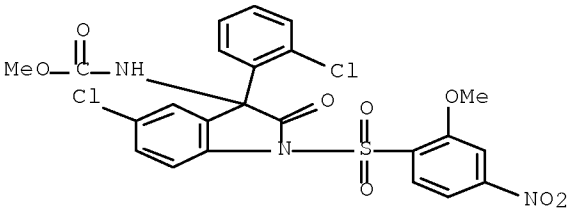
RN 169039-46-7 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-[[(diethylamino)carbonyl]amino]-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-1,3-dihydro- (9CI) (CA INDEX NAME)



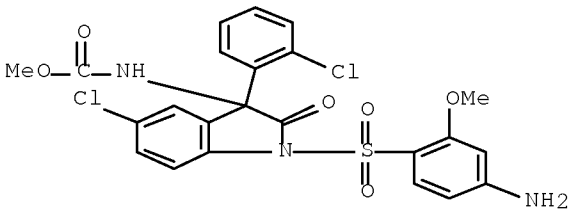
RN 169039-47-8 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-1,3-dihydro- (9CI) (CA INDEX NAME)



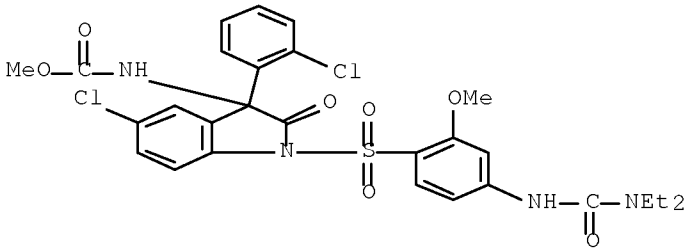
RN 169039-48-9 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-2,3-dihydro-1-[(2-methoxy-4-nitrophenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



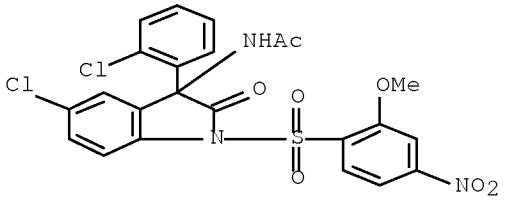
RN 169039-49-0 HCAPLUS
CN Carbamic acid, [1-[(4-amino-2-methoxyphenyl)sulfonyl]-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



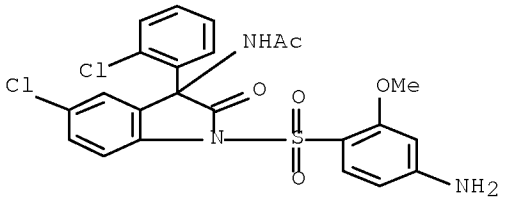
RN 169039-50-3 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



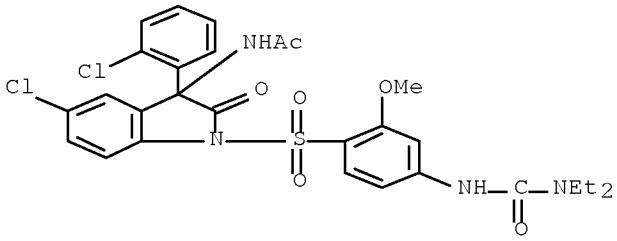
RN 169039-51-4 HCAPLUS
CN Acetamide, N-[5-chloro-3-(2-chlorophenyl)-2,3-dihydro-1-[(2-methoxy-4-nitrophenyl)sulfonyl]-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



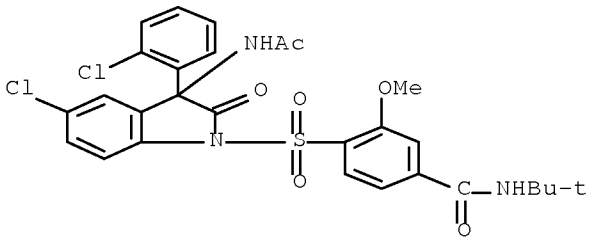
RN 169039-52-5 HCAPLUS
CN Acetamide, N-[1-[(4-amino-2-methoxyphenyl)sulfonyl]-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



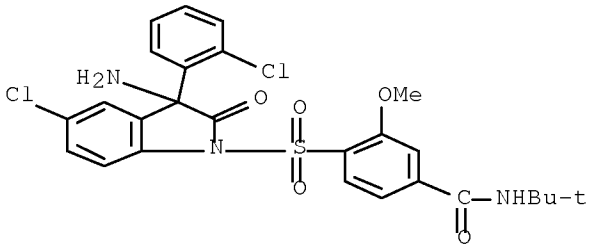
RN 169039-53-6 HCAPLUS
CN Acetamide, N-[5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



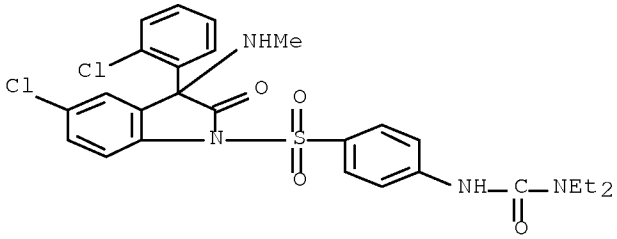
RN 169039-54-7 HCAPLUS
CN Benzamide, 4-[[3-(acetylamino)-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-N-(1,1-dimethylethyl)-3-methoxy- (CA INDEX NAME)



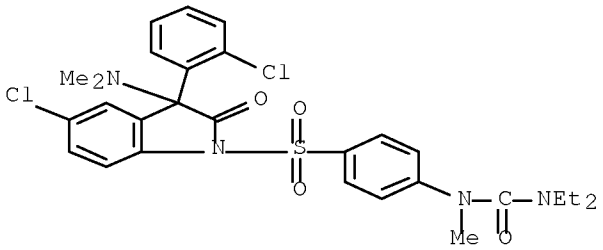
RN 169039-55-8 HCAPLUS
CN Benzamide, 4-[[3-amino-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-N-(1,1-dimethylethyl)-3-methoxy- (CA INDEX NAME)



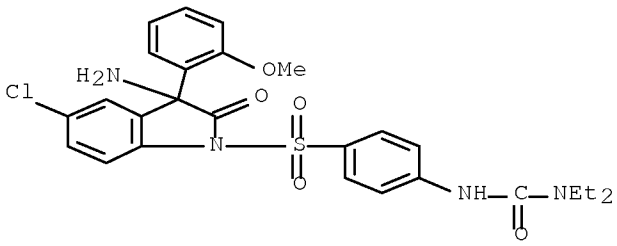
RN 169039-56-9 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-(methylamino)- (9CI) (CA INDEX NAME)



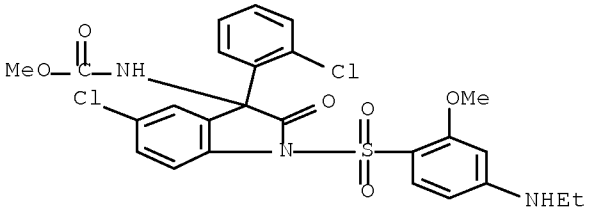
RN 169039-57-0 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]methylamino]phenyl]sulfonyl]-3-(dimethylamino)-1,3-dihydro- (9CI) (CA INDEX NAME)



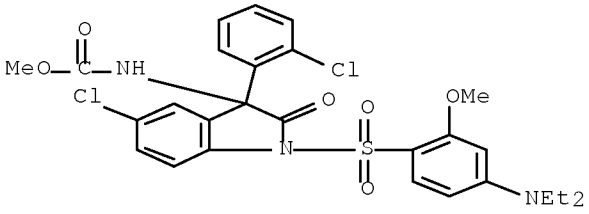
RN 169039-58-1 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 169039-59-2 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[[4-(ethylamino)-2-methoxyphenyl]sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, methyl ester (9CI) (CA INDEX NAME)

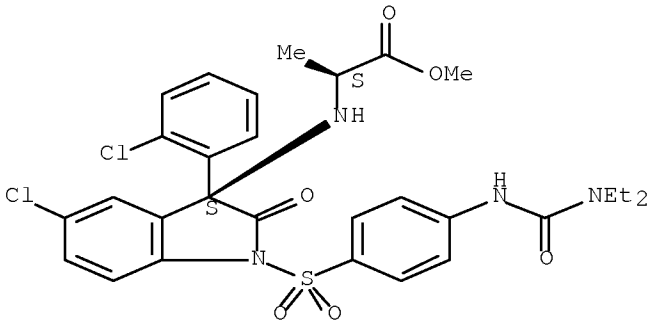


RN 169039-60-5 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[[4-(diethylamino)-2-methoxyphenyl]sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, methyl ester (9CI) (CA INDEX NAME)



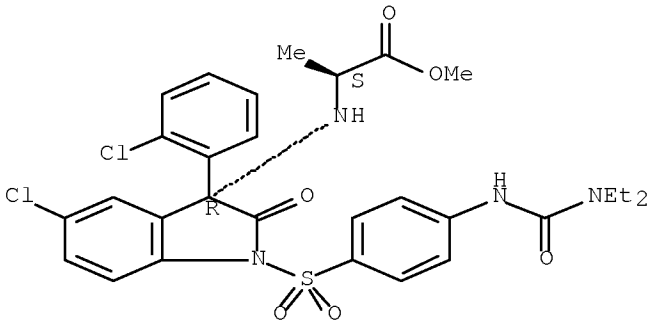
RN 169039-61-6 HCAPLUS
CN L-Alanine, N-[5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, methyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

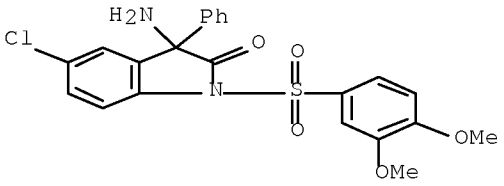


RN 169039-62-7 HCAPLUS
CN L-Alanine, N-[5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, methyl ester, (R)- (9CI) (CA INDEX NAME)

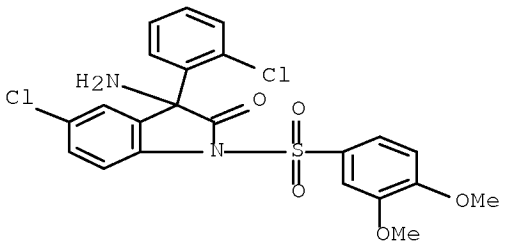
Absolute stereochemistry.



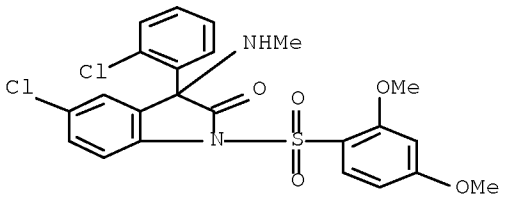
RN 169039-63-8 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[(3,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



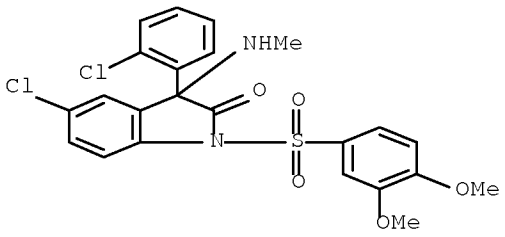
RN 169039-64-9 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro- (CA INDEX NAME)



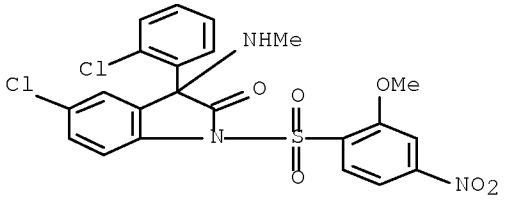
RN 169039-65-0 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(methylamino)- (CA INDEX NAME)



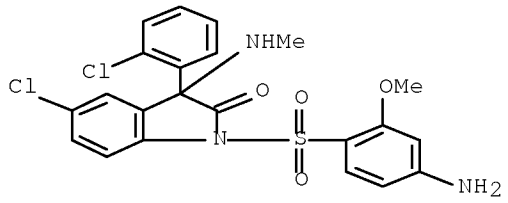
RN 169039-66-1 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro-3-(methylamino)- (CA INDEX NAME)



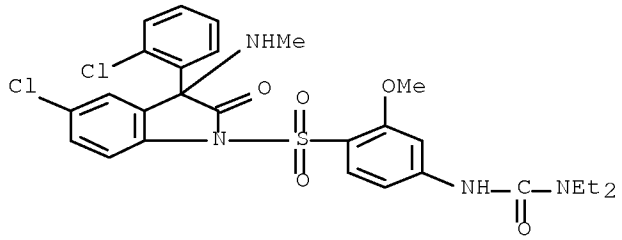
RN 169039-67-2 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1,3-dihydro-1-[(2-methoxy-4-nitrophenyl)sulfonyl]-3-(methylamino)- (CA INDEX NAME)



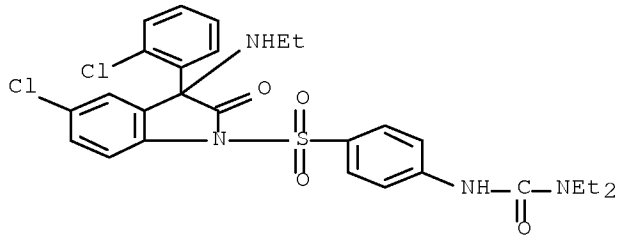
RN 169039-68-3 HCAPLUS
CN 2H-Indol-2-one, 1-[(4-amino-2-methoxyphenyl)sulfonyl]-5-chloro-3-(2-chlorophenyl)-1,3-dihydro-3-(methylamino)- (CA INDEX NAME)



RN 169039-69-4 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-1,3-dihydro-3-(methylamino)- (9CI) (CA INDEX NAME)

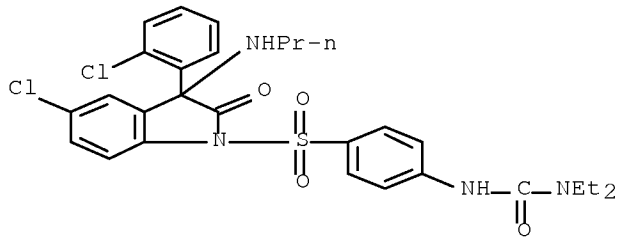


RN 169039-70-7 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-3-(ethylamino)-1,3-dihydro- (9CI) (CA INDEX NAME)

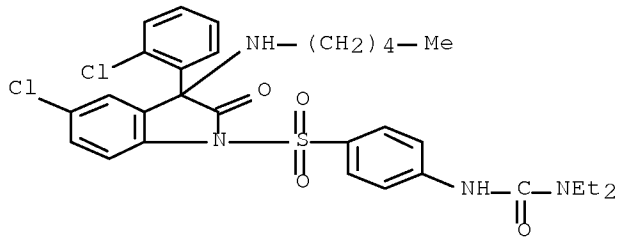


RN 169039-71-8 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-

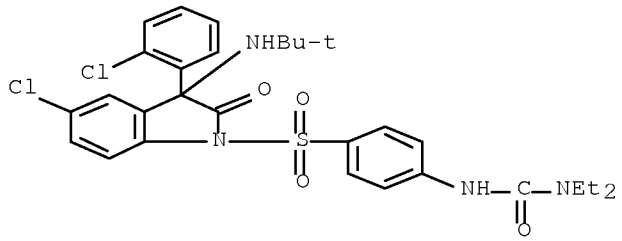
(propylamino)- (9CI) (CA INDEX NAME)



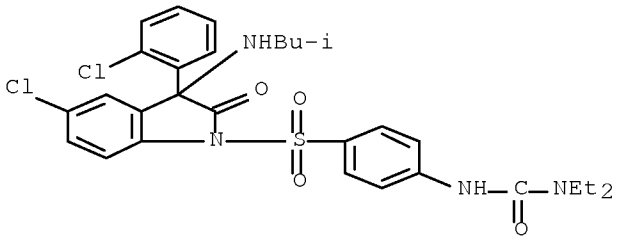
RN 169039-72-9 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-(pentylamino)- (9CI) (CA INDEX NAME)



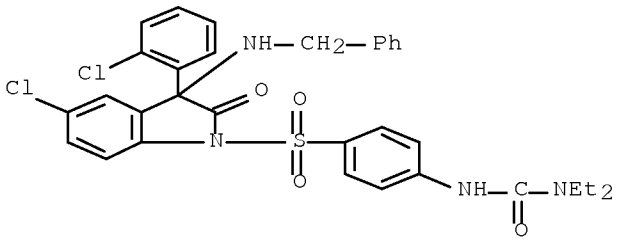
RN 169039-73-0 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-3-[(1,1-dimethylethyl)amino]-1,3-dihydro- (9CI) (CA INDEX NAME)



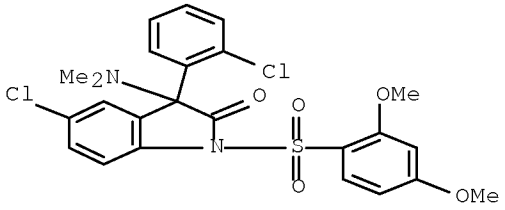
RN 169039-74-1 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-[(2-methylpropyl)amino]- (9CI) (CA INDEX NAME)



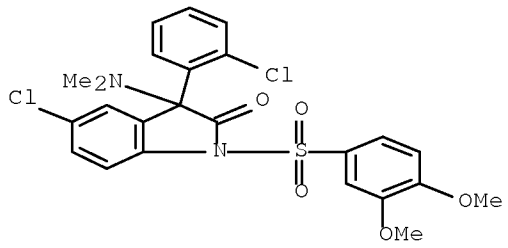
RN 169039-75-2 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



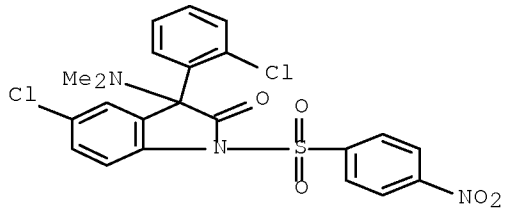
RN 169039-76-3 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-(dimethylamino)-1,3-dihydro- (CA INDEX NAME)



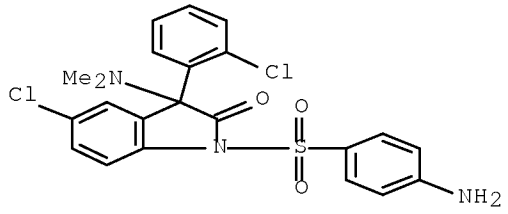
RN 169039-77-4 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[(3,4-dimethoxyphenyl)sulfonyl]-3-(dimethylamino)-1,3-dihydro- (CA INDEX NAME)



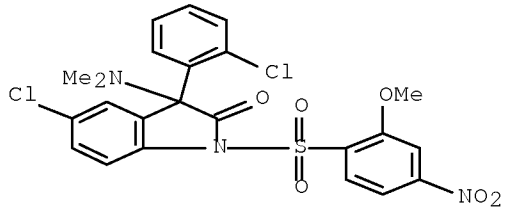
RN 169039-78-5 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-(dimethylamino)-1,3-dihydro-1-[(4-nitrophenyl)sulfonyl]- (CA INDEX NAME)



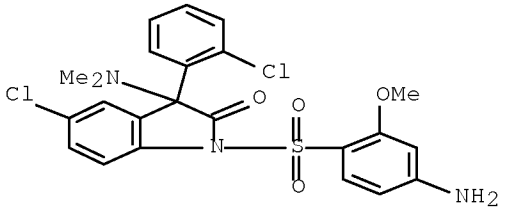
RN 169039-79-6 HCAPLUS
CN 2H-Indol-2-one, 1-[(4-aminophenyl)sulfonyl]-5-chloro-3-(2-chlorophenyl)-3-(dimethylamino)-1,3-dihydro- (CA INDEX NAME)



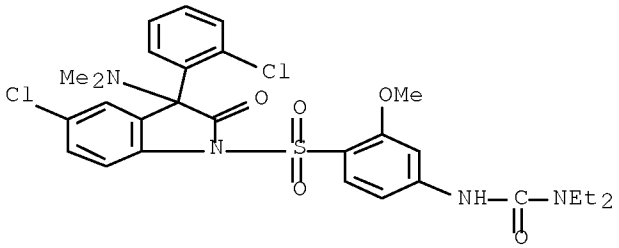
RN 169039-80-9 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-(dimethylamino)-1,3-dihydro-1-[(2-methoxy-4-nitrophenyl)sulfonyl]- (CA INDEX NAME)



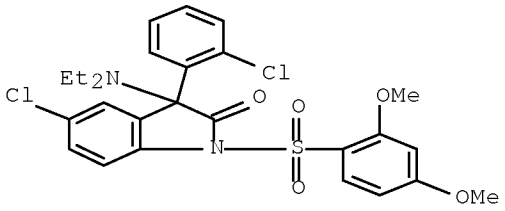
RN 169039-81-0 HCAPLUS
CN 2H-Indol-2-one, 1-[(4-amino-2-methoxyphenyl)sulfonyl]-5-chloro-3-(2-chlorophenyl)-3-(dimethylamino)-1,3-dihydro- (CA INDEX NAME)



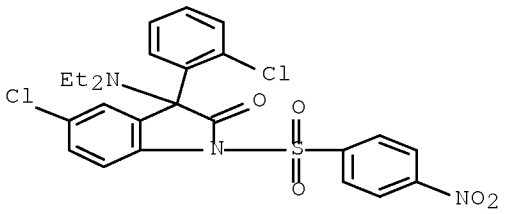
RN 169039-82-1 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-3-(dimethylamino)-1,3-dihydro- (9CI) (CA INDEX NAME)



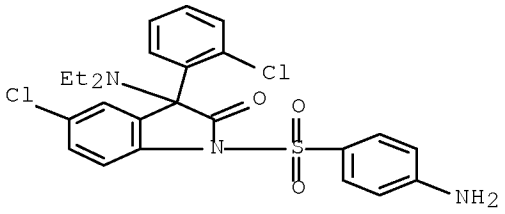
RN 169039-83-2 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-(diethylamino)-1-[(2,4-dimethoxyphenyl)sulfonyl]-1,3-dihydro- (CA INDEX NAME)



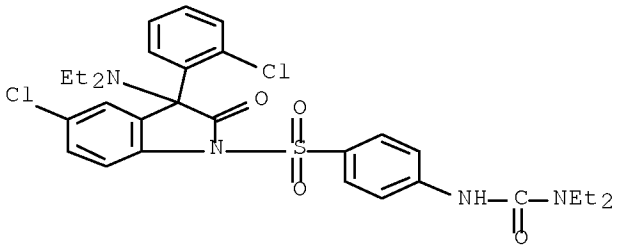
RN 169039-84-3 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-(diethylamino)-1,3-dihydro-1-[(4-nitrophenyl)sulfonyl]- (CA INDEX NAME)



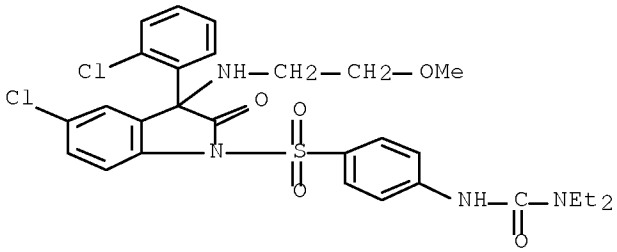
RN 169039-85-4 HCAPLUS
CN 2H-Indol-2-one, 1-[(4-aminophenyl)sulfonyl]-5-chloro-3-(2-chlorophenyl)-3-(diethylamino)-1,3-dihydro- (CA INDEX NAME)



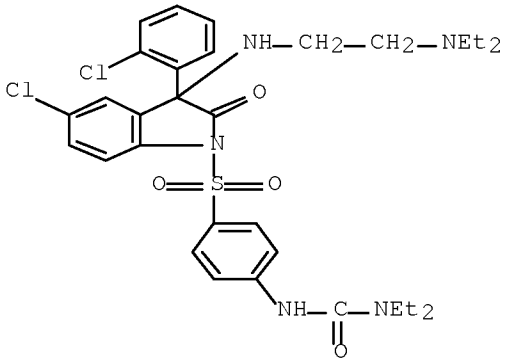
RN 169039-86-5 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-3-(diethylamino)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro- (9CI) (CA INDEX NAME)



RN 169039-87-6 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-[(2-methoxyethyl)amino]- (9CI) (CA INDEX NAME)



RN 169039-88-7 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-3-[[2-(diethylamino)ethyl]amino]-1,3-dihydro- (9CI) (CA INDEX NAME)



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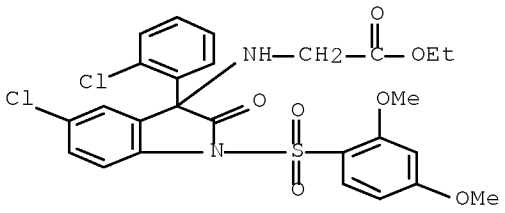
CN Glycine, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, ethyl ester (CA INDEX NAME)



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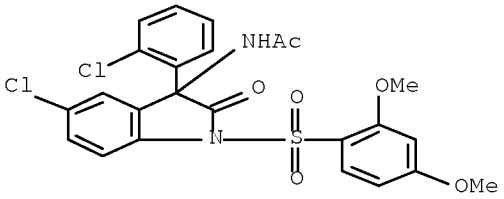
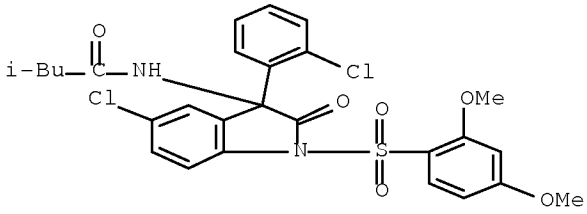
CN Acetamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



RN 169039-92-3 HCAPLUS
CN Butanamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-3-methyl- (CA INDEX NAME)



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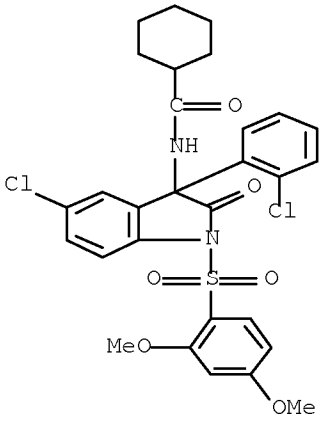
CN Cyclohexanecarboxamide, N-[5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



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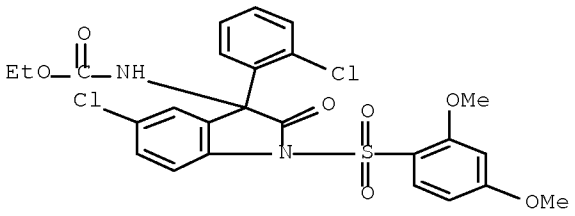
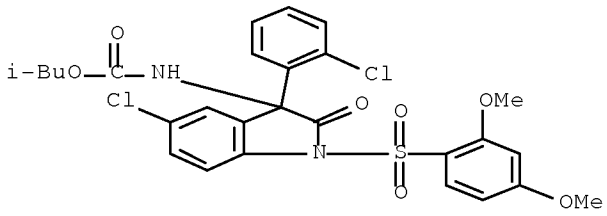
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 169039-95-6 HCAPLUS
CN Carbamic acid, [5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-2,3-dihydro-2-oxo-1H-indol-3-yl]-, 2-methylpropyl ester (9CI) (CA INDEX NAME)



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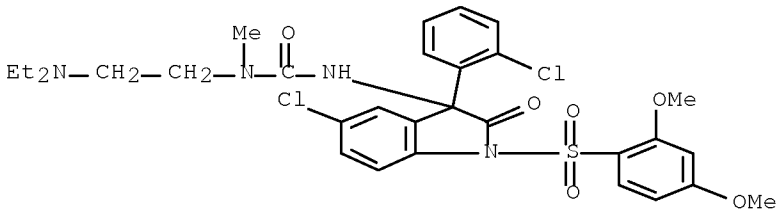

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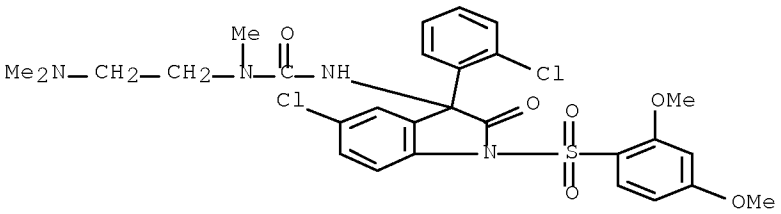
CN 2H-Indol-2-one, 5-chloro-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-3-[[[[2-(dimethylamino)ethyl]methylamino]carbonyl]amino]-1,3-dihydro- (9CI) (CA INDEX NAME)



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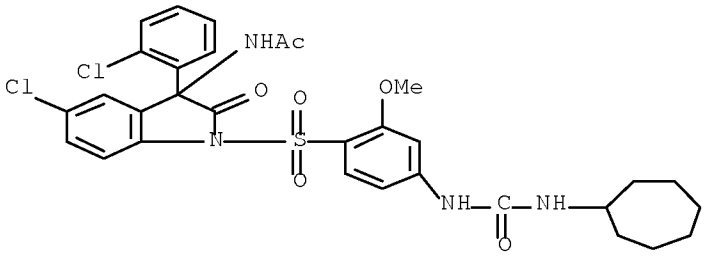

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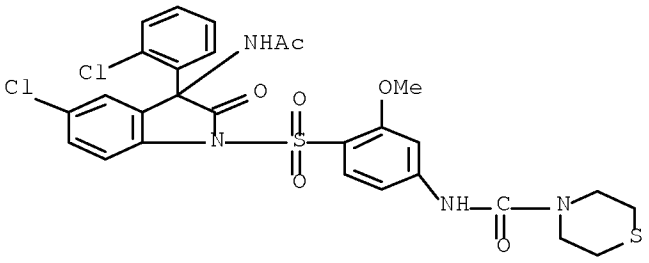
CN 4-Thiomorpholinecarboxamide, N-[4-[[3-(acetylamino)-5-chloro-3-(2-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxyphenyl]- (CA INDEX NAME)



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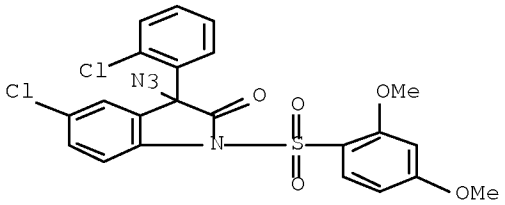

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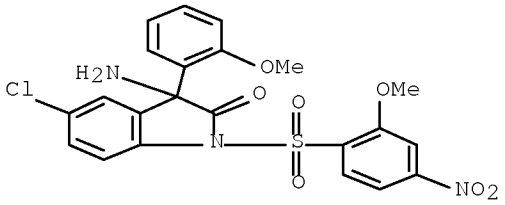

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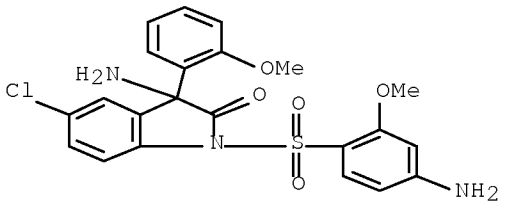

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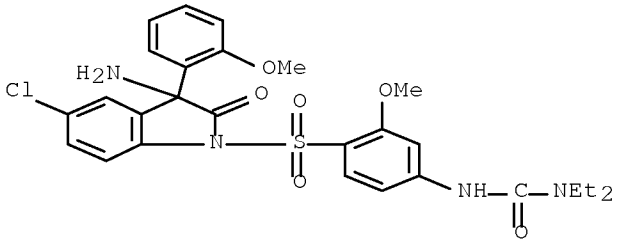
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-1,3-dihydro-3-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



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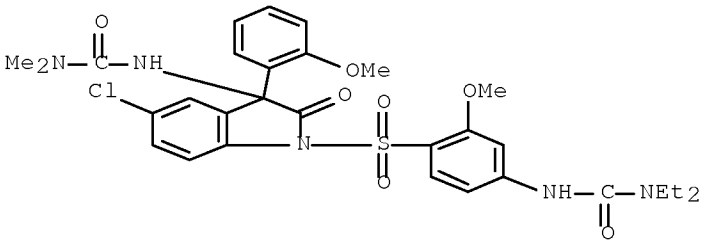
CN 2H-Indol-2-one, 5-chloro-1-[[4-[[(diethylamino)carbonyl]amino]-2-methoxyphenyl]sulfonyl]-3-[[(dimethylamino)carbonyl]amino]-1,3-dihydro-3-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



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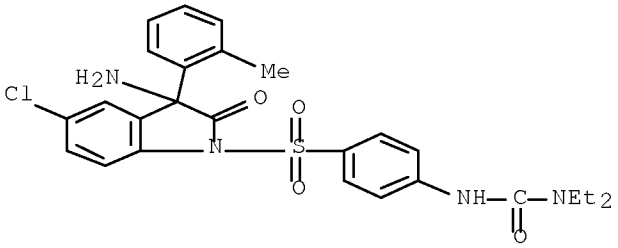
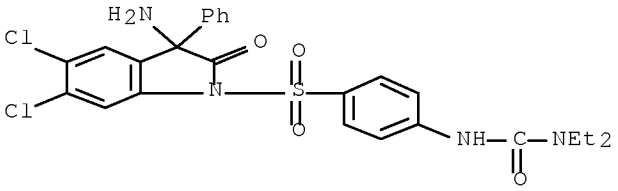
CN 2H-Indol-2-one, 3-amino-5-chloro-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-(2-methylphenyl)- (9CI) (CA INDEX NAME)



RN 169040-07-7 HCAPLUS
CN 2H-Indol-2-one, 3-amino-5,6-dichloro-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-1,3-dihydro-3-phenyl- (9CI) (CA INDEX NAME)



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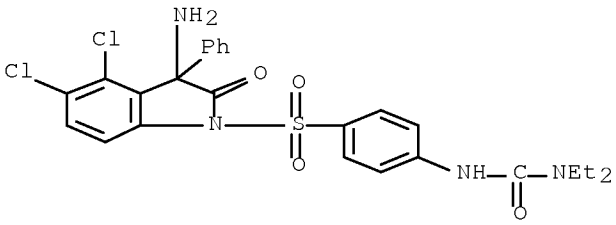

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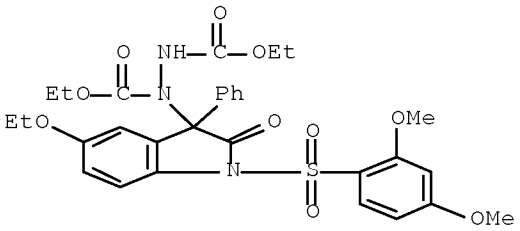
CN 1,2-Hydrazinedicarboxylic acid, 1-[1-[(2,4-dimethoxyphenyl)sulfonyl]-5-ethoxy-2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl]-, diethyl ester (9CI) (CA INDEX NAME)



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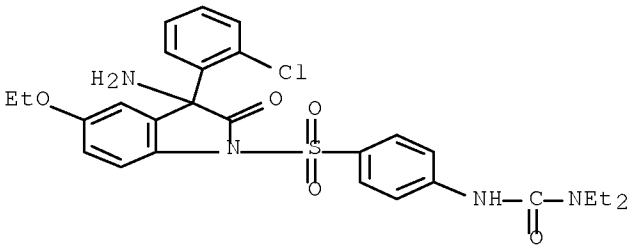
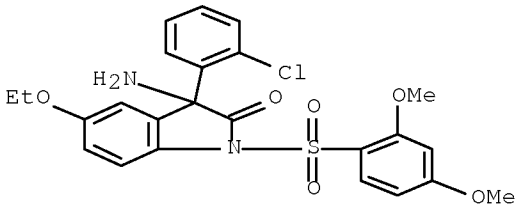
CN 2H-Indol-2-one, 3-amino-3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-5-ethoxy-1,3-dihydro- (9CI) (CA INDEX NAME)



RN 169040-11-3 HCAPLUS
CN 2H-Indol-2-one, 3-amino-3-(2-chlorophenyl)-1-[(2,4-dimethoxyphenyl)sulfonyl]-5-ethoxy-1,3-dihydro- (CA INDEX NAME)



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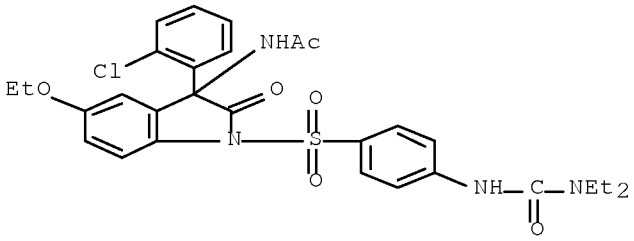
CN Acetamide, N-[3-(2-chlorophenyl)-1-[[4-[[(diethylamino)carbonyl]amino]phenyl]sulfonyl]-5-ethoxy-2,3-dihydro-2-oxo-1H-indol-3-yl]- (CA INDEX NAME)



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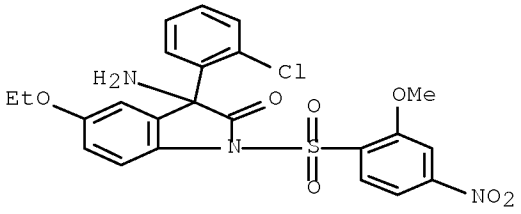

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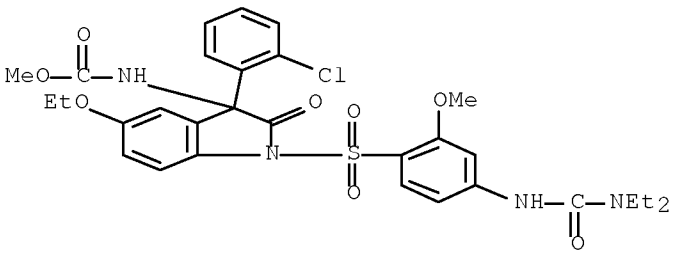

IC ICM C07D209-34
ICS C07D209-40; A61K031-40; A61K031-405
CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 1
IT 1014-72-8P 13756-42-8P 20465-51-4P 59247-47-1P 60106-69-6P
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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of indolone derivs. as vasopressin and/or oxytocin receptor ligands)

L26 ANSWER 12 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1994:508506 HCAPLUS Full-text
DOCUMENT NUMBER: 121:108506
ORIGINAL REFERENCE NO.: 121:19583a,19586a
TITLE: Preparation of N-sulfonyl-2-oxoindoles as drugs having affinity for vasopressin and oxytocin receptors
INVENTOR(S): Foulon, Loic; Garcia, Georges; Nisato, Dino; Roux, Richard; Serradeil-Legal, Claudine; Valette, Gerard; Wagnon, Jean
PATENT ASSIGNEE(S): Elf Sanofi SA, Fr.
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9315051	A1	19930805	WO 1993-FR93		19930128
W: AU, BR, CA, FI, HU, KR, NO, NZ, RU, US					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
FR 2686878	A1	19930806	FR 1992-1034		19920130
FR 2686878	B1	19950630			
CA 2107348	A1	19930731	CA 1993-2107348		19930128
AU 662960	A	19930901	AU 1993-35043		19930128
AU 662960	B2	19950921			
EP 581939	A1	19940209	EP 1993-904135		19930128
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BR 9303993	A	19940802	BR 1993-3993		19930128
JP 06507182	T	19940811	JP 1993-512992		19930128
HU 68642	A2	19950728	HU 1993-2762		19930128
AT 180773	T	19990615	AT 1993-904135		19930128
RU 2135469	C1	19990827	RU 1993-55882		19930128
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NO 9303482	A	19931129	NO 1993-3482		19930929
NO 180538	B	19970127			
NO 180538	C	19970507			
FI 9800341	A	19980213	FI 1998-341		19980213
PRIORITY APPLN. INFO.:			FR 1992-1034	A	19920130
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OTHER SOURCE(S): MARPAT 121:108506
ED Entered STN: 03 Sep 1994
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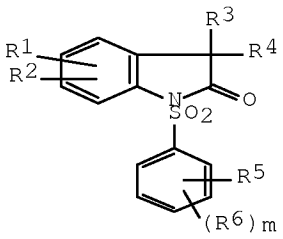
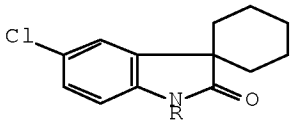


I

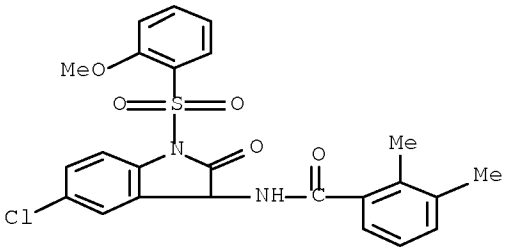


II

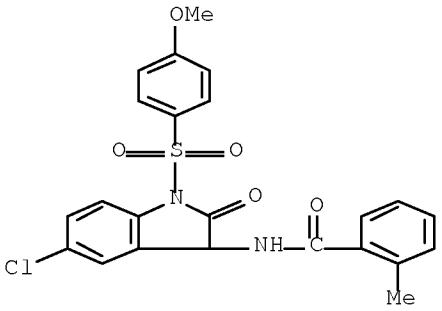
AB The title compds. I [R1, R2 = H, halo, alkyl, alkoxy, etc.; R3, R4 = alkyl, cycloalkyl, Ph, benzyl, etc.; or R3R4 = (CH2)tX(CH2)l; or CR3R4 = (substituted) hydrocarbon ring; or R1, R4 = as defined above, and R2R3 = (CH2)3 (in this case R2 is in position 4 of the indole ring); R5, R6 = H, halo, alkyl, cyano, etc.; m = 1; when R6 is halo, alkyl, alkoxy, m = 2 -4; or (R6)m represents m substituents selected from halo, alkyl, alkoxy; t, l = 3-6; X = O, S, etc.] were prepared Treatment of indolone II (R = H) with NaH, followed by reaction with 2-methoxy-4-nitrobenzenesulfonyl chloride gave indolone II (R = 2-methoxy-4-nitrobenzenesulfonyl). The title compds. in vitro had IC 50 values of 10-9 and 10-8 M against vasopressin and oxytocin binding, resp.

IT 156230-48-7P 156230-49-8P 156230-50-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as drug)

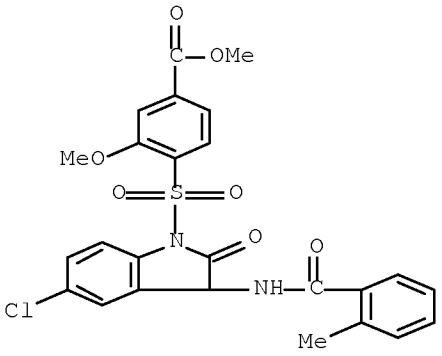
RN 156230-48-7 HCAPLUS
CN Benzamide, N-[5-chloro-2,3-dihydro-1-[(2-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-2,3-dimethyl- (CA INDEX NAME)



RN 156230-49-8 HCAPLUS
CN Benzamide, N-[5-chloro-2,3-dihydro-1-[(4-methoxyphenyl)sulfonyl]-2-oxo-1H-indol-3-yl]-2-methyl- (CA INDEX NAME)



RN 156230-50-1 HCAPLUS
CN Benzoic acid, 4-[[5-chloro-2,3-dihydro-3-[(2-methylbenzoyl)amino]-2-oxo-1H-indol-1-yl]sulfonyl]-3-methoxy-, methyl ester (CA INDEX NAME)



IC ICM C07D209-96
ICS A61K031-40; C07D209-90; C07D491-10; C07D471-10; C07D403-12; C07D409-12; C07D209-34
CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
Section cross-reference(s): 1
IT 156230-02-3P 156230-03-4P 156230-04-5P 156230-05-6P 156230-07-8P
156230-08-9P 156230-09-0P 156230-10-3P 156230-11-4P 156230-12-5P
156230-13-6P 156230-14-7P 156230-15-8P 156230-16-9P 156230-17-0P
156230-18-1P 156230-19-2P 156230-20-5P 156230-21-6P 156230-22-7P
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156230-33-0P 156230-34-1P 156230-35-2P 156230-36-3P 156230-37-4P
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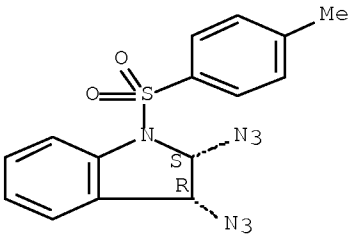
156232-01-8P 156232-02-9P 156232-03-0P 156232-04-1P 156232-05-2P
156232-06-3P 156232-07-4P 156232-08-5P 156232-09-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as drug)

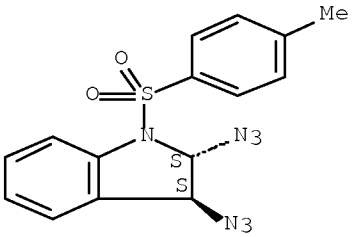
L26 ANSWER 13 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1979:151913 HCAPLUS Full-text
DOCUMENT NUMBER: 90:151913
ORIGINAL REFERENCE NO.: 90:24141a,24144a
TITLE: Reaction of benzo[b]furan and 1-acylindoles with iodine azide
AUTHOR(S): Tamura, Yasumitsu; Chun, Moon Woo; Kwon, Sundo; Bayomi, Said M.; Okada, Tomoko; Ikeda, Masazumi
CORPORATE SOURCE: Fac. Pharm. Sci., Osaka Univ., Suita, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1978), 26(11), 3515-20
CODEN: CPBTAL; ISSN: 0009-2363
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 90:151913
ED Entered STN: 12 May 1984
AB Reaction of benzo[b]furan with IN3 gives in high yield a mixture of cis- and trans-2,3-diazido-2,3-dihydrobenzo[b]furans, both of which, upon treatment with alkali, are converted to 3-azidobenzo[b]furan. Similar reaction of 1-benzoyl- and 1-tosylindoles with IN3 affords high yields of cis- and trans-1-benzoyl- and 1-tosyl-2,3-diazidoindolines. Stereochem. assignment of the adducts is made based on NMR.
IT 69722-08-3P 69722-09-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cycloaddn. reaction of, with di-Me acetylenedicarboxylate)
RN 69722-08-3 HCAPLUS
CN 1H-Indole, 2,3-diazido-2,3-dihydro-1-[(4-methylphenyl)sulfonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 69722-09-4 HCAPLUS
CN 1H-Indole, 2,3-diazido-2,3-dihydro-1-[(4-methylphenyl)sulfonyl]-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



CC 27-11 (Heterocyclic Compounds (One Hetero Atom))
IT 57826-42-3P 57826-43-4P 69722-08-3P 69722-09-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cycloaddn. reaction of, with di-Me acetylenedicarboxylate)

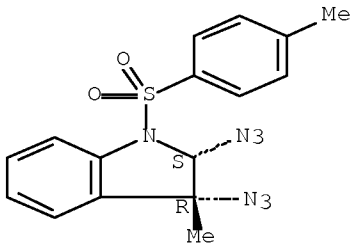
L26 ANSWER 14 OF 14 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1976:4774 HCAPLUS Full-text
DOCUMENT NUMBER: 84:4774
ORIGINAL REFERENCE NO.: 84:805a,808a
TITLE: Reaction of iodine azide with 1-acylindoles. Formation of 1-acyl-cis- and trans-2,3-diazidoindolines
AUTHOR(S): Tamura, Yasumitsu; Kwon, Sundo; Tabusa, Fujio; Ikeda, Masazumi
CORPORATE SOURCE: Fac. Pharm. Sci., Osaka Univ., Osaka, Japan
SOURCE: Tetrahedron Letters (1975), (38), 3291-6
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 84:4774
ED Entered STN: 12 May 1984
GI For diagram(s), see printed CA Issue.
AB Reaction in IN3 with 1-acylindoles I (R = Bz, R1 = H, R2 = Me; R1 = R2 = H, R1 = R2 = Me; R = SO2C6H4Me-p, CO2Et, R1 = H, R2 = Me) gave a mixture of the cis- II (R3 = R1, R4 = N3) and trans-diazidoindolines II (R3 = N3, R4 = R1). The indole I [R = Bz, R1R2 = (CH2)3] with IN3 gave adduct II [R2R3 = (CH2)3, R4 = N3]. The nonstereospecificity of the reaction of I (R1,R2 = H, Me) was due to

the formation of a carbonium ion which was attacked by N3- by an SN1 mechanism to give cis-II or trans-II.

IT 57826-46-7P 57826-47-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

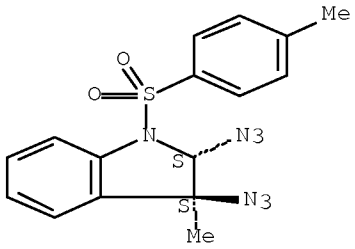
RN 57826-46-7 HCAPLUS
CN 1H-Indole, 2,3-diazido-2,3-dihydro-3-methyl-1-[(4-methylphenyl)sulfonyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 57826-47-8 HCAPLUS
CN 1H-Indole, 2,3-diazido-2,3-dihydro-3-methyl-1-[(4-methylphenyl)sulfonyl]-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



CC 27-11 (Heterocyclic Compounds (One Hetero Atom))

IT 17017-58-2P 57826-40-1P 57826-41-2P 57826-42-3P 57826-43-4P
57826-44-5P 57826-45-6P 57826-46-7P 57826-47-8P
57826-48-9P 57826-49-0P 57826-50-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

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=> d his nofile

     (FILE 'HOME' ENTERED AT 10:58:10 ON 17 JUL 2008)

     FILE 'HCAPLUS' ENTERED AT 10:58:40 ON 17 JUL 2008
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                 D IBIB AB IT SC
                 SEL RN

     FILE 'REGISTRY' ENTERED AT 10:59:33 ON 17 JUL 2008
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L4             0 SEA SSS SAM L3

     FILE 'STNGUIDE' ENTERED AT 11:01:28 ON 17 JUL 2008

     FILE 'REGISTRY' ENTERED AT 11:02:08 ON 17 JUL 2008
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     FILE 'REGISTRY' ENTERED AT 11:04:01 ON 17 JUL 2008
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                 D
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                D
L10             7 SEA SSS SAM L9
                D SCAN
L11             STRUCTURE UPLOADED
                D
L12             0 SEA SSS SAM L11
L13           159 SEA SSS FUL L9
                SAVE TEMP L13 CHA211REGL4/A
L14             0 SEA ABB=ON  PLU=ON  L13 AND L2
L15             STRUCTURE UPLOADED
                D
L16             0 SEA SSS SAM L15
L17             STRUCTURE UPLOADED
                D
L18             0 SEA SSS SAM L17
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L20             STRUCTURE UPLOADED
                D
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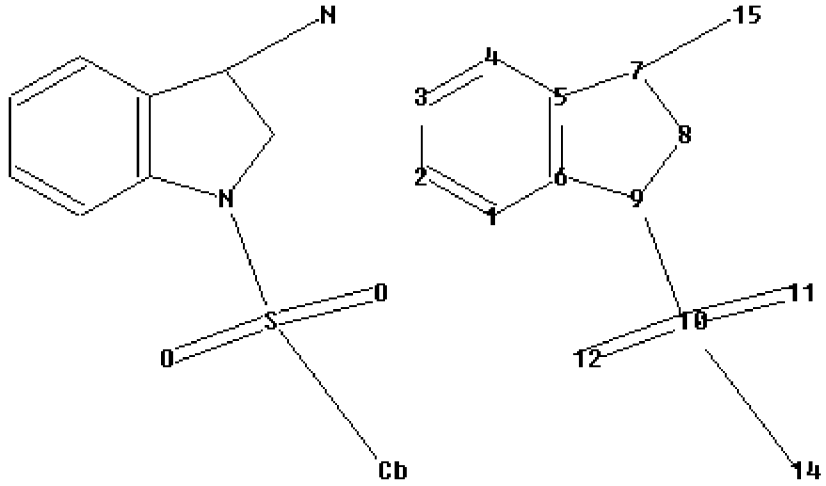
Uploading L8.str

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10  11  12  14  15
ring nodes :
1  2  3  4  5  6  7  8  9
chain bonds :
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ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9
exact/norm bonds :
6-9  7-15  8-9  9-10  10-11  10-12
exact bonds :
5-7  7-8  10-14
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS  14:Atom  15:CLASS
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L22         314 SEA SSS FUL L20
L23           0 SEA ABB=ON  PLU=ON  L22 AND L2
                SAVE TEMP L22 CHA211REGL8/A
L24         313 SEA ABB=ON  PLU=ON  L22 AND ?INDOL?/CNS
L25           0 SEA ABB=ON  PLU=ON  L22 AND DIHYDROINDOL?/CNS

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L27          80 SEA ABB=ON  PLU=ON  ("LUBISCH W"/AU OR "LUBISCH WILFRIED"/AU)
                E HORNBERGER WILFRIED/AU
L28          67 SEA ABB=ON  PLU=ON  ("HORNBERGER W"/AU OR "HORNBERGER W F"/AU
                OR "HORNBERGER WILFRIED"/AU OR "HORNBERGER WILFRIED B"/AU)
                E OOST THORSTEN K/AU
L29          42 SEA ABB=ON  PLU=ON  ("OOST T"/AU OR "OOST THORSTEN"/AU OR
                "OOST THORSTEN K"/AU)
                E SAUER DARYL RICHARD/AU
L30          50 SEA ABB=ON  PLU=ON  ("SAUER DARYL"/AU OR "SAUER DARYL R"/AU OR
                "SAUER DARYL RICHARD"/AU)
                E UNGER LILIANE/AU
L31         118 SEA ABB=ON  PLU=ON  ("UNGER LILIANE"/AU OR "UNGER LILIANE
                DR"/AU OR "UNGER LILIANE V"/AU)
                E WERNET WOLFGANG/AU
L32          82 SEA ABB=ON  PLU=ON  ("WERNET W"/AU OR "WERNET WOLFANG"/AU OR
                "WERNET WOLFGANG"/AU)
                E GENESTE HERVE/AU
L33          52 SEA ABB=ON  PLU=ON  "GENESTE HERVE"/AU
L34          24 SEA ABB=ON  PLU=ON  L27 AND ((L28 OR L29 OR L30 OR L31 OR L32
                OR L33))
L35          29 SEA ABB=ON  PLU=ON  L28 AND ((L29 OR L30 OR L31 OR L32 OR
                L33))
L36          13 SEA ABB=ON  PLU=ON  L29 AND ((L30 OR L31 OR L32 OR L33))
L37           7 SEA ABB=ON  PLU=ON  L30 AND ((L31 OR L32 OR L33))
L38          27 SEA ABB=ON  PLU=ON  L31 AND ((L32 OR L33))
L39          13 SEA ABB=ON  PLU=ON  L32 AND L33
L40          51 SEA ABB=ON  PLU=ON  (L34 OR L35 OR L36 OR L37 OR L38 OR L39)
L41          13 SEA ABB=ON  PLU=ON  L40 AND (VASOPRESSIN RECEPTOR?)
L42          13 SEA ABB=ON  PLU=ON  L40 AND (VASOPRESSIN? OR OXYTOCIN?)
L43           8 SEA ABB=ON  PLU=ON  L42 NOT L26
                SAVE TEMP L43 CHA211HCAIN/A

     FILE 'REGISTRY' ENTERED AT 11:36:59 ON 17 JUL 2008
L44           0 SEA ABB=ON  PLU=ON  L22 AND (MEDLINE/LC OR BIOSIS/LC OR
                DRUGU/LC OR EMBASE/LC)

     FILE 'MEDLINE, BIOSIS, DRUGU, EMBASE' ENTERED AT 11:37:51 ON 17 JUL 2008
L45          39 SEA ABB=ON  PLU=ON  LUBISCH WILFRIED/AU
L46          46 SEA ABB=ON  PLU=ON  HORNBERGER WILFRIED/AU
L47          21 SEA ABB=ON  PLU=ON  OOST THORSTEN K/AU
L48           1 SEA ABB=ON  PLU=ON  SAUER DARYL RICHARD/AU
L49          57 SEA ABB=ON  PLU=ON  UNGER LILIANE/AU
L50          21 SEA ABB=ON  PLU=ON  WERNET WOLFGANG/AU
L51          38 SEA ABB=ON  PLU=ON  GENESTE HERVE/AU
L52           6 SEA ABB=ON  PLU=ON  L45 AND ((L46 OR L47 OR L48 OR L49 OR L50
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                OR L51))
L53           21 SEA ABB=ON  PLU=ON  L46 AND ((L47 OR L48 OR L49 OR L50 OR
                L51))
L54            0 SEA ABB=ON  PLU=ON  L47 AND ((L48 OR L49 OR L50 OR L51))
L55            0 SEA ABB=ON  PLU=ON  L48 AND ((L49 OR L50 OR L51))
L56           16 SEA ABB=ON  PLU=ON  L49 AND (L50 OR L51)
L57            9 SEA ABB=ON  PLU=ON  L50 AND L51
L58            0 SEA ABB=ON  PLU=ON  ((L52 OR L53 OR L54 OR L55 OR L56 OR L57))
                AND (VASOPRESSIN? OR OXYTOCIN?)
L59           39 SEA ABB=ON  PLU=ON  ((L52 OR L53 OR L54 OR L55 OR L56 OR L57))
                AND (DRUG# OR PRODRUG# OR PHARMAC? OR MEDICA?)
L60            1 SEA ABB=ON  PLU=ON  L59 AND INDOL?
L61            1 SEA ABB=ON  PLU=ON  ((L52 OR L53 OR L54 OR L55 OR L56 OR L57))
                AND INDOL?
                D TI AU
L62           30 SEA ABB=ON  PLU=ON  L59 AND (ANTIDEPRESS? OR ANTAGON?)
                D TI AU 1-5
L63           12 DUP REM L62 (18 DUPLICATES REMOVED)
                     ANSWERS '1-9' FROM FILE MEDLINE
                     ANSWERS '10-12' FROM FILE BIOSIS
                SAVE TEMP L63 CHA211MULTIN/A

     FILE 'STNGUIDE' ENTERED AT 11:44:22 ON 17 JUL 2008
                D QUE L43
                D QUE L63

     FILE 'HCAPLUS, MEDLINE, BIOSIS' ENTERED AT 11:45:17 ON 17 JUL 2008
L64           20 DUP REM L43 L63 (0 DUPLICATES REMOVED)
                     ANSWERS '1-8' FROM FILE HCAPLUS
                     ANSWERS '9-17' FROM FILE MEDLINE
                     ANSWERS '18-20' FROM FILE BIOSIS
                D L64 1-8 IBIB ABS HITSTR
                D L64 9-20 IBIB AB
                D QUE L26
                D L26 IBIB ED ABS HITSTR HITIND
                D L26 2-14 IBIB ED ABS HITSTR HITIND
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